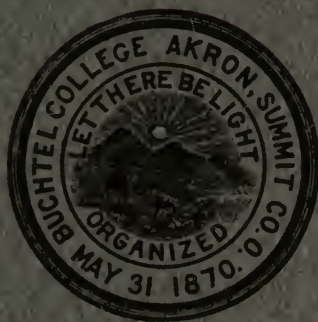


UNIVERSITY OF ILLINOIS


CATALOGUE  
OF  
BUCHTEL COLLEGE



AKRON : OHIO

1903-1904





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UNIVERSITY OF ILLINOIS

BUCHTEL COLLEGE  
AND  
ACADEMY

FOR THE YEAR  
1903 - 1904

AKRON : OHIO

PUBLISHED BY THE COLLEGE, APRIL, 1904

Akron : Ohio  
The Commercial Printing Co.  
1904

# BUCHTEL COLLEGE AND ACADEMY

Founded in 1870 by the  
OHIO UNIVERSALIST CONVENTION

Named in honor of  
HON. JOHN R. BUCHTEL

CO-EDUCATIONAL

NON-SECTARIAN

Furnishes the highest grade of Classical, Literary  
and Scientific instruction, under the immediate  
direction of Thorough and Experienced Teachers

Three College Courses, leading to the Baccalaureate  
Degrees of A. B., Ph. B. and S. B.

Academy Courses of a Scientific and Literary nature  
and preparatory to any College.

For catalogue and other information address  
A. B. CHURCH, D. D., President : AKRON, OHIO

## CALENDAR.

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### 1904.

September 13, Monday, 9 A. M.—First Half-Year of College and Academy begins. Registration and Classification.

September 14, Tuesday, 9 A. M.—Opening Chapel Service with regular Class Work following.

November 18, Friday, 7:30 P. M.—Senior Ashton Prize Contest.

November 24-28, Thursday to Monday, inclusive—Thanksgiving Recess.

December 16, Friday, 4:15 P. M.—Christmas Recess begins.

### 1905.

January 3, Tuesday, 8 A. M.—Class Work will be resumed.

January 18, Wednesday—Founder's Day.

January 27, Friday, 4:15 P. M.—First Half-Year closes.

January 30, Monday, 9 A. M.—Second Half-Year begins. Registration and Classification.

January 31, Tuesday, 8 A. M.—Class Work resumed.

February 17, Friday, 7:30 P. M.—Sophomore Ashton Prize Speaking.

March 8, Wednesday, 9:30 A. M.—Mid-Year Meeting of Board of Trustees.

April 15-24, Saturday to Monday, inclusive—Easter Recess.

May —, Friday—Tree Holiday.

June 2, Friday, 4:15 P. M.—Senior Vacation begins.

June 16, Friday, 8 P. M.—Graduating Exercises of the Academy.

June 17, Saturday, 8 P. M.—Junior Ashton Prize Speaking.

June 18, Sunday, 2:30 P. M.—Baccalaureate Services and Sermon.

June 19, Monday—Class Day; at 8 P. M. Senior Promenade.

June 20, Tuesday, 9:30 A. M.—Annual Meeting of Board of Trustees.

June 20, Tuesday, 8 P. M.—Alumni Social Reunion and Banquet.

June 21, Wednesday, 9:30 A. M.—Commencement Address and Conferring of Degrees.

June 21, Wednesday, 2 P. M.—Annual Business Meeting of Alumni Association.

June 21, Wednesday, 8 P. M.—President's Reception.



## TRUSTEES.

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HON. GEORGE W. CROUSE.....	<i>Akron</i>	Terms of Office Expire in 1904.
JOHNSON A. ARBOGAST.....	<i>Akron</i>	
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ARTHUR A. STEARNS, A. M.....	<i>Cleveland</i>	
WILLIAM T. SAWYER, B. S.....	<i>Akron</i>	
WALLACE L. CARLTON.....	<i>Akron</i>	

SUPT. HENRY V. HOTCHKISS, Ph. D.....	<i>Akron</i>	Terms of Office Expire in 1905.
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FRANK H. MASON.....	<i>Akron</i>	
HERBERT B. BRIGGS, B. S.....	<i>Cleveland</i>	

## ORGANIZATION OF TRUSTEES.

---

HON. GEORGE W. CROUSE,  
PRESIDENT.

REV. A. B. CHURCH, D. D.,  
VICE-PRESIDENT.

CHARLES R. OLIN, B. S.,  
SECRETARY AND TREASURER.

---

## EXECUTIVE COMMITTEE.

---

HON. GEORGE W. CROUSE,                      WALLACE L. CARLTON,  
SUPT. HENRY V. HOTCHKISS, Ph. D.,  
JOHNSON A. ARBOGAST,                      REV. A. B. CHURCH, D. D.

---

## PRESIDENTS OF BUCHEL COLLEGE.

---

S. H. MCCOLLESTER, D. D.....1872-1878  
E. L. REXFORD, D. D.....1878-1880  
ORELLO CONE, D. D.....1880-1896  
C. M. KNIGHT, Sc. D., (ad interim).....1896-1897  
I. A. PRIEST, D. D.....1897-1901  
A. B. CHURCH, D. D.....1901-

# FACULTY, INSTRUCTORS AND OFFICERS\*

For the Year 1903, 1904 and 1905.

---

A. B. CHURCH, A. M., D. D.,

PRESIDENT.

*Messenger-Professor of Mental and Moral Philosophy.*

President's House.

CHARLES M. KNIGHT, A. M., Sc. D.,

DEAN OF THE FACULTY.

*Buchtel-Professor of Physics and Chemistry.*

129 S. Union Street.

CARL F. KOLBE, A. M., Ph. D.,

*Hilton-Professor of Modern Languages.*

271 Rosedale Place.

MARIA PARSONS, A. M.

*Pierce-Professor of English and Literature, and Instructor in English History.*

131 S. Union Street.

JOSEPH C. ROCKWELL, A. M.,

*Professor of Latin and Greek, and Director of Gymnasium and Track Athletics for Young Men.*

176 S. Union Street.

CHARLES BROOKOVER, M. S.,

*Professor of Natural Science.*

SECRETARY OF THE FACULTY.

251 E. Mill Street.

FRANK M. MORRISON, A. M.,

*Ainsworth-Professor of Mathematics and Astronomy.*

265 Rosedale Place.

OSCAR E. OLIN, A. M.,

*Acting Professor of Economics and History, and Instructor in Mental and Moral Philosophy.*

476 Orchard Court.

ANNA M. RAY,

*Instructor in Oratory and Physical Culture for Young Women.*

374 E. Buchtel Avenue.

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\*Except the President, the arrangement is in order of appointment.

ALBERT I. SPANTON, Ph. B.,  
*Assistant Principal of the Academy, and Teacher of Literature.*  
257 E. Buchtel Avenue.

CLAUDIA E. SCHROCK, A. B.,  
*Teacher of Latin and Greek.*  
374 E. Buchtel Avenue.

BLANCHIE M. WIDDECOMBE, Ph. B.,  
*Teacher of Latin and Mathematics.*  
251 E. Mill Street.

CHARLES R. OLIN, B. S.,  
*Teacher of Mathematics.*  
421 Spicer Street.

GODFREY CHARLES SCHAIBLE,  
*Principal of the Academy, 1904-'05.*

MAY F. SANFORD,  
*Teacher of Drawing and Director of the Buchtel Art School.*  
494 W. Market Street.

ETHEL JEFFERSON, A. B.,  
*Assistant in Chemistry and Teacher of Mathematics.*  
167 S. Union Street.

OSCAR R. SCHREIBER,  
*Librarian.*  
14 S. Summit Street.

LUCY IONE EDGERTON,  
*Director of Music School and Teacher of Piano, Organ and Harmony.*  
Ely Street.

---

*Teacher of Voice.*

CAROLINE E. BLISS,  
*Office and Library Assistant.*  
18 Spruce Street.

G. H. HARPLEY,  
*Janitor.*  
265 Carroll Street.

# COMMITTEES OF THE FACULTY.

1903-1904.

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*Committee on Classification,*  
Professors ROCKWELL, and MORRISON.

*Committee on Course of Study,*  
Professors CHURCH, KNIGHT and OLIN.

*Committee on Scholarships,*  
Professors CHURCH, KNIGHT and KOLBE.

*Committee on Records,*  
Professors KOLBE and ROCKWELL.

*Committee on Printing,*  
Professors CHURCH and KOLBE.

*Committee on Rules and Discipline,*  
Professors CHURCH, KNIGHT and PARSONS.

*Committee on Ashton Prize Contest,*  
Professors OLIN and BROOKOVER.

*Committee on Socials and Holiday Observances,*  
Professors PARSONS, BROOKOVER and Misses SCHROCK and  
WIDDECOMBE.

*Committee on Music,*  
Professor KOLBE.

*Committee on Athletics,*  
Professor ROCKWELL, A. I. SPANTON and C. R. OLIN.

*Committee on Buildings and Grounds,*  
Professors KNIGHT, OLIN and BROOKOVER.

## REFERENCE COMMITTEE.

ASHWORTH, REV. GEO. H.....	Bryan, Ohio
BORTLE, REV. MARTHA A.....	Boston, Mass.
BROWN, FLORA B.....	Dublin, Ind.
CANFIELD, H. L., D. D.....	Pasadena, Cal.
COLE, JAMES E.....	Norwalk, Ohio
COLEGROVE, REV. O. G.....	Woodstock, Ohio
CROSLEY, REV. MARION.....	308 East 15th St., Indianapolis, Ind.
LAUGHEAD, KATHERINE.....	Cuyahoga Falls, Ohio
FORD, JAMES.....	Washington C. H., Ohio
FULLINGTON, WALTER C.....	Marysville, Ohio
GREENE, MRS. JOSEPH E W.....	Newport, Ohio
HEWITT, JOHN H.....	New Castle, Ind.
HOLLINGER, M. J.....	Caledonia, N. Y.
HUNTER, MRS. L.....	Tidioute, Pa.
KELLEY, H. A.....	Western Reserve Building, Cleveland, Ohio
MIGNIN, MRS. C. F.....	Stryker, Ohio
MARKLEY, MRS. CHARLES.....	London, Ohio
MCCOLLESTER, LEE S., D. D.....	654 John R. St., Detroit, Mich.
ROSENDALE, MRS. T. T.....	Fostoria, Ohio
RUNDELL, C. O.....	Marion, Mass.
SLADE, WM. H.....	Akron, Ohio
STONER, REV. SARA L.....	New Madison, Ohio
STEWART, MRS. ROSE.....	Muncie, Ind.
STEPHENS, CHAS. H.....	Cor. 3d and Walnut Sts., Cincinnati, Ohio
TUCKER, ROBERT.....	1056 Spitzer Bldg., Toledo, Ohio
WENGER, I. S.....	New Madison, Darke Co., Ohio
TUTTLE, A. L.....	So. Edmeston, N. Y.
COUCH, MRS. M. E.....	No. Adams, Mass.
MASON, REV. L. WALTER.....	209 So. St. Clair St., Pittsburg, Pa.
RICHARDS, REV. L. J.....	Sharpsville, Pa.

The above named persons have signified their willingness to serve on the Reference Committee. From time to time, catalogues and such other advertising matter of Buchtel College, as may be at hand, will be sent to each member of the committee.

Parents desiring to inform themselves about college courses and methods, and students desiring to enter College, are advised to call upon some member of the committee who may reside in the vicinity.

## ENDOWMENTS.

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### MESSENGER PROFESSORSHIP.

The Messenger Professorship of Mental and Moral Philosophy was endowed by Mrs. Lydia A. E. Messenger, late of Akron, in memory of her deceased husband, Rev. George Messenger.

### HILTON PROFESSORSHIP.

The Hilton Professorship of Modern Languages was endowed by John H. Hilton, late of Akron.

### PIERCE PROFESSORSHIP.

The Pierce Professorship of English Literature was endowed by Mrs. Chloe Pierce, late of Sharpsville, Pa.

### BUCHTEL PROFESSORSHIP.

The Buchtel Professorship of Physics and Chemistry was named in honor of Mrs. Elizabeth Buchtel, late of Akron.

### AINSWORTH PROFESSORSHIP.

The Ainsworth Professorship of Mathematics and Astronomy was endowed by Henry Ainsworth, late of Lodi.

### RYDER PROFESSORSHIP.

The Ryder Professorship of Rhetoric and Oratory was established by the Board of Trustees in memory of Dr. William H. Ryder, late of Chicago.

### MESSENGER FUND.

The Messenger Fund was created by Mrs. Lydia A. E. Messenger, late of Akron. The fund consists of \$30,000.

### ISAAC AND LOVINA KELLY FUND.

The Isaac and Lovina Kelly Fund was created by Isaac Kelly, late of Mill Village, Pa. This fund consists of \$35,788.

### WILLIAM PITT CURTIS FUND.

This fund was established by William Pitt Curtis, of Wadsworth, O. It now amounts to \$20,000.

## PERPETUAL SCHOLARSHIPS.

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Fifty-two perpetual scholarships of \$1,000 each have been established by the following donors:

*MISS E. V. STEADMAN.....	Marietta
*JAMES PIERCE.....	Sharpsville, Pa.
*ELIJAH DRURY.....	Girard, Pa.
MRS. MARY C. MARTIN.....	Lebanon
*JAMES F. DAVIDSON.....	Brimfield
*†MISS BETSEY THOMAS.....	Irwin
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*ELI M. KENNEDY.....	Higginsville, Mo.
*JOHN K. SMITH.....	Ravenna
*N. S. OLIN.....	Ravenna
*JOHN B. SMITH.....	Urbana
*MRS. CANDIA PALMER.....	Painesville
*MRS. GEORGE-W. STEELE.....	Painesville
*GEORGE W. STEELE.....	Painesville
MRS. BETSEY DODGE.....	McConnelsville
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*JOSEPH HIDE, SR.....	Jeffersonville
*MRS. HENRY BOSZAR.....	Brimfield
*HENRY BOSZAR (3).....	Brimfield
*E. F. LOUDENBACK.....	Westville
*H. D. LOUDENBACK.....	Westville
*THOMAS KIRBY.....	Muncie, Ind.
*ISAAC and LOVINA KELLY.....	Mill Village, Pa.
S. T. and S. A. MOON.....	Cuba
*GEORGE THOMAS.....	Greenwich
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‡MRS. CHARLOTTE ROBSON.....	Newport, Ky.
*SAMUEL BIRDELL.....	Peru
*SAMUEL GRANDIN.....	Tidioute, Pa.
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*HENRY AINSWORTH (10).....	Lodi
*MISS ANNA A. JOHNSON.....	Bay City, Mich.
MR. and MRS. JOHN MILLER.....	Edgerton
JOHN P. CHAPIN.....	New Philadelphia
CHRISTIAN SWANK.....	Sheldon, Ind.
MRS. S. O. ACOMB.....	Tidioute, Pa.
*MRS. JANE BETZ (2).....	Hamilton
‡‡MISS HANNAH ALLYN.....	Akron
*MRS. ROSA G. WAKEFIELD.....	Green

These Scholarships are intended to aid worthy and deserving students, and are awarded by a Scholarship Committee under authority from the Board of Trustees.

\*Deceased.

†In honor of her father, Eliphas Burnham.

‡In memory of her deceased husband, William Robson.

‡‡In honor of her father and mother, Mr. and Mrs. Israel Allyn, and her sister, Lucy Allyn.



## GENERAL INFORMATION.

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### FOUNDATION.

BUCHTEL COLLEGE was founded in 1870, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who consecrated his life and wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters, and first opened its doors for the admission of students in September, 1872. It is designed to secure the highest grade of Classical, Scientific, and Literary culture known to American Colleges.

### LOCATION.

Buchtel College is located in Akron, Summit County, Ohio. This city, with a population of about 52,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. It is a healthful city, and easy of access, having direct connection with all parts of the country. It is located on the line of the Erie (New York, Pennsylvania & Ohio); Cleveland, Akron & Columbus; Cleveland Terminal & Valley; Pittsburg & Western; Northern Ohio, and Baltimore & Ohio Railways; also on the A., B. and C., and Kent, Ravenna, Canton, and Barberton Divisions of the Northern Ohio Traction Company.

### BUILDINGS AND GROUNDS.

The College Campus comprises six acres, is situated on the highest eminence in the county and faces on Buchtel Ave., one of the pleasantest residence streets of the city. The Loop Line electric cars, which receive transfers from all city and suburban lines, pass by the college gates.

At present there are six buildings on the campus, these being only the beginning of the prospective quadrangle of the Greater Buchtel.

Owing to the fire of 1899 the college and academy buildings and the heating plant are each new, with new furnishings and laboratory equipments, and are admirably adapted to the work required of them.

### BUCHTEL HALL.

Buchtel Hall, designed for College classes in all work except Chemistry, is a beautiful building, classic in design and convenient in arrangement. As is shown by the cut, the main entrance is up a broad flight of marble steps to the first floor, which is high enough to leave the basement story almost entirely above ground. In the center of the first floor is the grand staircase and an open court extending to a skylight. There are four large recitation rooms with a Professor's private office connected with each on the first and the second floors. On the ground floor, besides a work-shop and separate study, bicycle, and toilet rooms for young men and women, is a suite of six rooms well planned and equipped for the Physical Laboratories.

### BUCHTEL ACADEMY.

The Academy is designed for the convenience of the Preparatory, Oratory and Art Schools. It is a roomy and convenient three-story building. On the ground floor are the Physical Laboratories, and the separate lockers and toilet rooms for young men and women. On the second floor are the Administration Offices and the main recitation rooms. On the third floor are the large Art Rooms and an Assembly Room, which is used for the Oratory Studio.

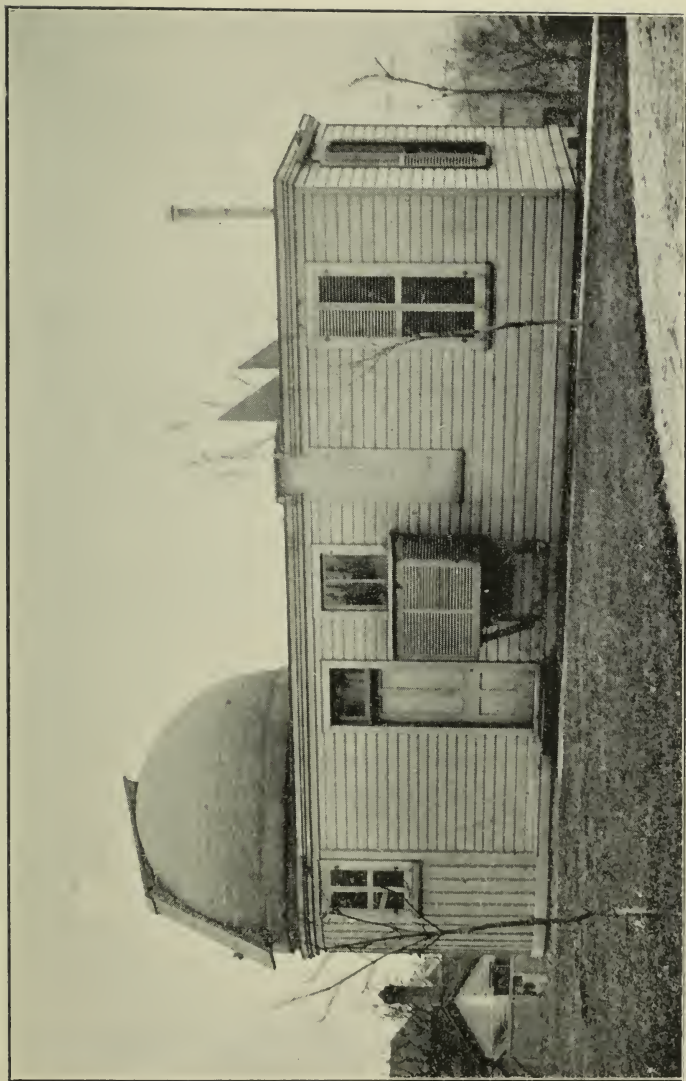
### FIRE PROOF.

These two new buildings are fire-proof and have the heating, ventilating and sanitary arrangements and appointments of the most approved kind known to modern builders. With the Gymnasium, they are heated from one central heating plant.

### ASTRONOMICAL OBSERVATORY.

The Observatory is intended for the use of students, and, although some of the apparatus is very delicate and costly, yet it will be freely placed in the hands of those students who prepare themselves for its use. It is furnished with the following instruments:

An Equatorial Telescope of 4.5 inches aperture.



ASTRONOMICAL OBSERVATORY.







CROUSE GYMNASIUM.

A Meridian Circle of 3 inches aperture, provided with various necessary accessory apparatus, and so mounted that it can be used as a Zenith Telescope.

Two Astronomical Clocks, furnished with electric connections.

A Chronograph.

Various other minor apparatus.

#### CROUSE GYMNASIUM.

This building is named in honor of Hon. George W. Crouse, of Akron, one of the liberal benefactors of the College.

The structure is a substantial brick building, one hundred and two feet in length by fifty-three feet in breadth. The basement contains the locker, dressing and bathing rooms thoroughly furnished. On the first floor are the Directors' office and the Gymnasium proper, which is eighty-four feet long and forty-eight feet broad. This room is equipped with the most approved apparatus and offers every facility for physical development. A running gallery of twenty-five laps to the mile surrounds the room.

The Gymnasium is open at stated times for the exclusive use of the young women, and at other times for the exclusive use of the young men, in both instances under a trained director.

In addition to the above mentioned facilities for physical culture, the College possesses, only three squares away, extensive and elaborately equipped Athletic Grounds of four acres, which are admirably adapted for use of the students in playing base ball, foot ball, lawn tennis and similar games.

At present the Chemical Laboratory occupies a suite of six rooms in the basement of the Gymnasium and is modernly equipped for practical work.

The Buchtel College Music School occupies certain rooms in the Gymnasium. A two-manual pipe organ has been recently erected for chapel use and instruction.

The Gymnasium is also used, for the present, as the chapel assembly room.



### THE HEATING PLANT.

The Heating Plant is located in a building by itself, thus avoiding any danger from fire or explosion. The plant is equipped with a thoroughly modern smoke consuming device. By means of conduits the steam is conveyed to the other buildings where fresh air is heated and forced through the rooms by the fan system.

### THE PRESIDENT'S HOUSE.

The President's house is situated on the Campus within easy access of the other buildings; is a commodious substantial brick structure with modern conveniences and is occupied by the President and his family.

### AIM.

Buchtel College is organized and equipped to give to young men and women a wholesome physical development, a most thorough mental discipline, and a practical, altruistic, moral training; to hold up before them the noblest ideals of manhood and womanhood and to develop within them a genius for usefulness.

### INSTRUCTION.

The instruction of the College aims to combine the advantages of the lecture, recitation and laboratory systems.

### COLLEGE COURSES.

The curriculum embraces:

FIRST: A Classical Course.

SECOND: A Philosophical Course.

THIRD: A Scientific Course.

These are four-year courses leading to the degrees of A. B., Ph. B., and S. B., and are equal to those adopted by other similar institutions of the country.

### ACADEMY COURSES.

In connection with the College, but occupying a separate building on the Campus, and with a separate Faculty, is Buchtel Academy, in which students are thoroughly prepared for college entrance. Three preparatory courses are



here offered: the Classical, Philosophical, and Scientific. Owing to limited numbers, the student is under the personal supervision of a strong corps of teachers and is afforded daily practical drill in class room and laboratory work.

#### **BUCHTEL SCHOOL OF MUSIC.**

The Music School is located at the College in Crouse Gymnasium. Thorough and technical training, beginning with fundamentals, is given in both vocal and instrumental courses by capable and experienced specialists.

#### **BUCHTEL SCHOOL OF ART.**

The Art School is situated at the Academy Building in a specially arranged and equipped suite of rooms and is under the personal supervision of a trained and experienced specialist. The School offers excellent advantages for the study of Art. It embraces instruction in charcoal, crayon, pencil, pastel, oil and water color. Students work from original designs, life, casts, and still life.

#### **LABORATORY AND APPARATUS.**

The larger portion of the basement of Crouse Gymnasium has been rearranged since the fire of 1899 for use as chemical laboratories consisting of five rooms. A general laboratory for the use of students during the first year of work in chemistry has been fitted with all modern facilities. Drainage, gas, hot and cold water, and all necessary apparatus, are at each student's desk. The students pursuing quantitative methods have ample room and opportunities for the more refined and careful researches in a laboratory by themselves, undisturbed by other workers. The ventilation of the laboratories is good, special wall flues carrying off noxious vapors.

The laboratories for physics are arranged in the basement of Buchtel Hall. Six rooms are given to the use of experimental physics. The rooms for experiments in electricity and magnetism are free from iron in their construction, and solid masonry floors in all laboratories secure the delicate instruments from outside jar and disturbance.

Excellent facilities for work in photography are provided by a well equipped dark-room, and students in physical science are encouraged to become familiar with the best methods of experimental illustration.

The department of Natural Science is located in the new Buchtel Hall, where three laboratory and lecture rooms are fitted for work in biology and geology. The student is supplied with microscopes, reagents, microtomes, and other apparatus needful for thorough work in biological research. A collection of minerals and crystals, together with maps, charts, and a paleontological cabinet, comprise the equipment for work in Geology.

The College is supplied with excellent surveying instruments in the way of compass, engineer's level, surveyor's transit with solar attachment for determining the true meridian independent of the needle, chains, tapes, poles, pins, etc.

The Astronomical Observatory is adequately equipped with efficient, delicate and costly instruments for carrying on in a practical laboratory way that line of higher mathematics.

#### BIERCE LIBRARY.

The College Library had its origin with a collection of works donated in 1874 by the late Gen. L. V. Bierce. During the early days of the College the Library was augmented by books purchased from the proceeds of a bequest received from Gen. Bierce's estate. In recognition of this early gift the Library has been called the Bierce Library.

At the present time the Library is in Buchtel Hall and embraces about 7,000 bound volumes of standard works (exclusive of public documents). These books have been mostly selected with special reference to their use in connection with the various departments of college instruction. All are classified and arranged on the shelves by the Dewey system of classification. The whole Library is practically one of reference, as students have access to the shelves at all hours of the day. Books may also be drawn by students,

professors, and officers, in accordance with the regulations, for use outside of the Library.

Since the fire of 1899 the Library has been reclassified and recatalogued and put in the best working condition for students.

In connection with the Library is the College Reading Room, which has upon its files the leading periodicals and newspapers of the day. These are selected, upon recommendation of the various professors, with special reference to supplementing their class-room instruction.

A trained librarian of six years' experience will have charge of the library to render it of greatest usefulness to the students.

#### ATHLETICS.

Recognizing the fact that physical training is as legitimate a part of any system of education as is the mental, Buchtel College has made ample provision for this course in education, in her large and well equipped Gymnasium and Athletic Field. Systematic instruction is given to both young men and women in the Gymnasium each year by trained instructors, and the young men are given systematic training and regular drill in track athletics. Public sports, such as foot ball, base ball, basket ball and lawn tennis are permitted and encouraged so far as is consistent with the student's health and with his progress in the class-room.

#### ORATORICAL ASSOCIATION

The students of Buchtel College maintain an Oratorical Association, to which all college students are eligible. The object of the society is to secure an increased interest in public speaking, with special reference to the presentation of original productions. The local association is a branch of the State Association, which includes a number of the leading colleges of the State. Each year a local contest is held by the association, the winner of which is sent by the association to the State contest. The successful contestant in the State contest represents the State in the inter-State contest.

### LITERARY AND DEBATING CLUB.

A Literary and Debating Club is organized among the students.

Regular meetings are held for the discussion and debating of topics of current interest. Often public debates are held with neighboring societies and colleges.

### DRAMATIC CLUB.

A Dramatic Organization is maintained by the students for mutual self-culture, and for the study of literature and the histrionic art. One or more public entertainments are given each year with credit to the club and the College.

All such literary organizations and efforts are approved and encouraged by the College.

### CO-EDUCATION.

The College and Academy admit students of both sexes. No sex discrimination is made in requirements and equal educational advantages and honors are offered to each.

### SOCIAL ADVANTAGES.

Realizing that education is a development of social courtesies and personal graces as well as the power of mental analysis, the student life at Buchtel College is so conducted as to afford opportunities for such culture. Young ladies and gentlemen, as such, mingle freely on the Campus, in the College halls and class rooms during recitation hours. Formal and informal social college functions, banquets, exhibitions and contests, receptions and class socials occur at intervals through the year, in which young ladies and gentlemen participate with members of the faculty and their friends.

The young ladies are under the general supervision of the lady members of the faculty and are made to feel free to go to them for counsel and advice.

### RELIGION.

No restriction or coercion is imposed upon students in their exercise of religious beliefs. All students are asked to name the denomination of their choice on their registration

and are expected to attend the church of that denomination while in College. Nearly all denominations are represented in Akron by flourishing churches. While the College has a denominational foundation and connection and is reverently Christian in its social life and in the principles of its administration and instruction, yet in its internal economy it is in no sense sectarian. All students are required to attend chapel services.

#### DISCIPLINE.

The regulations for governing student life are few and simple, appealing to the student's self-respect and personal responsibility.

It is the policy of the government to allow in all things as much liberty as will not be abused, and the students are invited and expected to co-operate with the Faculty. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are forbidden. The use of tobacco and spirituous liquors about the college building and on the grounds is prohibited.

All students registering with the College put themselves under obligations faithfully to observe and obey the laws and regulations of the College and all authoritative acts of the President and Faculty and to use their influence by precept and example to induce others in like circumstances to do the same.

#### REGISTRATION AND CLASSIFICATION.

All students are required to present themselves to the Classification Committee of the College or Academy for registration and assignment of work, on or before the first day of each half-year. A classification card will be given each student showing the classes he is assigned to. This card must be presented to the Secretary of the College for his signature when arranging for term bills, and to each instructor for his signature immediately upon entering a class.

The card must then be returned to the Classification Committee, *fully signed* as above indicated, *on or before the third day of the term.*

## DEGREES.

The degree of Bachelor of Arts will be conferred on students who have completed the classical course.

The degree of Bachelor of Philosophy will be conferred on those who have completed the Philosophical Course.

The degree of Bachelor of Science will be conferred on those who have completed the Scientific Course.

The presentation of a thesis showing original research by the student is necessary for graduation.

## MASTER'S DEGREES.

The degree of A. M. will be conferred upon those who have acquired the degree of A. B. or Ph. B., and the degree of M. S. upon those who have acquired the degree of B. S. These degrees will be granted in not less than two years after graduation, unless the applicant, in residence, can devote the larger part of his time to the work, when the degrees may be granted in one year.

The candidate must accomplish the equivalent of a college year's work in each of any two subjects to be chosen by himself, one of these to be known as Major and the other as Minor.

In the Minor, the work may be partly undergraduate, but the applicant will be expected to carry it beyond the lines of usual college work. In the Major, the work must be confined to graduate subjects and methods, and in this a satisfactory thesis must be presented which will give evidence of original work in the investigation of some new field rather than to consist of a mere restatement of what is already known. The subjects and methods must have received the sanction of the professors in the departments chosen.

An examination will be required in both subjects.

Provided satisfactory arrangements are made, residence will not be required for graduates of this College in preparing for these degrees, although residence is recommended. Persons who have received the Bachelor's degree in any other college whose requirements for that degree are equal to those of Buchtel College may also be granted the Mas-



ter's degree upon the above conditions, except that the courses must be taken in residence.

A candidate for either of these degrees, at any given commencement must present his thesis and report for examination not later than June 1st.

These degrees will not be granted for professional work leading to other degrees nor for journalistic work or teaching.

A fee of ten dollars will be charged for the Master's degree.

#### PRIZE FUNDS.

ALUMNI PRIZES.—A fund has been established by the Alumni of the College, the income of which is annually appropriated according to the following regulations :

1st. That student—being a member of the Senior Class of the Academy—who makes the highest average grade during the year in full Senior work in the Academy, and completes his Senior year without conditions, shall be entitled to free tuition during the succeeding year.

2nd. That student—being a member of the Freshman Class without conditions at the beginning of the year—who attains the highest average grade during the year in not fewer than eight Freshman studies, shall be entitled to free tuition during the succeeding year.

3rd. That student—being a member of the Sophomore Class without conditions at the beginning of the year—who attains the highest average grade during the year in not fewer than eight studies above the Freshman year, shall be entitled to free tuition during the succeeding year.

4th. That student—being a member of the Junior Class without conditions at the beginning of the year—who attains the highest average grade during the year in not fewer than eight studies above the Freshman year, shall be entitled to free tuition during the succeeding year.

5th. In determining the award of prizes for any year, there shall be considered only grades made in regular class

work at Buchtel College during that year in subjects completed before Commencement day.

6th. In case of a tie in any class the prize shall be equally divided.

7th. The prize for any class shall go to the student attaining the second highest average grade only in case the one ranking highest does not return to Buchtel College the next succeeding year.

OLIVER C. ASHTON PRIZES.—A fund consisting of \$3,000 has been established by Mr. Oliver C. Ashton, of Bryan, O., endowing the O. C. Ashton Prizes for excellence in reading and recitation.

The annual income of this fund will be paid, one-third to competitors from the Senior Class, one-third to competitors from the Junior Class, and one-third to competitors from the Sophomore Class, in a first and second prize to each class, in the proportion of two to one.

These are public exercises, and will take place at stated times during the year.

PENDLETON LAW PRIZES.—For the purpose of encouraging the study of Law and Civil Government, a fund of \$1,000 has been established by Joy H. Pendleton, late of Akron, the annual income of which is used as prizes for essays in the Law Class. Two-thirds of such income is annually to be paid for the best essay, and one-third for the second best essay, on some subject of Law or Government announced by the Instructor in Law.

#### SCHOLARSHIPS.

On page 12 of this catalogue will be found a list of the endowed scholarships of the College. The donors of these scholarships may, at all times, designate one student who shall be entitled to free tuition in either the College or the Academy. So much of the income of these scholarships as is not thus used by the donors each year is at the disposal of the College for the purpose of aiding worthy and deserving students. In the distribution of these scholarship bene-



fits by the College, in case the donor is deceased, preference will be given to the immediate descendants of the donor. This assistance will be granted to students only upon the recommendation of a Committee of the Faculty after careful inquiry as to the needs of each applicant. In making this inquiry the Committee will consider not only the pecuniary needs of the applicant but his general character as well, and where a renewal of aid is requested, the Committee will also take into account the student's previous record in scholarship and general deportment.

Students thus receiving aid from the College may be called upon to render services to the College for any part, or all, of such aid. They will be expected to maintain their standing in scholarship, and to conduct themselves as exemplary students. A scholarship is granted with the expectation that the student will complete his course of study at Buchtel College, and, without a reason that shall be satisfactory to the President, honorable dismissal will not be granted until full tuition and all other college dues have been paid.

Applications for scholarship aid may be addressed to the President.

• **HIGH SCHOOLS.**—The College offers annually one scholarship to each of several high schools, to be awarded to the student standing highest during the last year of his High School course. Each scholarship entitles the holder to two years' free tuition in the College, subject to conditions which may be learned on application to the President of Buchtel College.

**TOWNSHIP.**—Two standing scholarships in the Academy are offered to pupils in each Township of Summit County who complete the common school course in the country schools. These scholarships are awarded to the two pupils in each township passing the best examination before the County Board of School Examiners, under the provisions of the Patterson Law.

Students winning the High School or Township Scholarships must begin their course of study not later than one year from the opening of the following school year.

## EXPENSES.

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**TERM BILLS**—All term bills are due and payable on the first day of each half-year for the entire half-year. These bills must be paid, or arrangements for their payment made satisfactory to the Secretary of the College *before* entering any classes.

### COLLEGE.

FULL TUITION—Each half-year.....	\$20.00
TWO STUDIES—Each half-year.....	14.00
ONE STUDY—Each half-year.....	7.00
INCIDENTAL and LIBRARY FEE for all students each half-year...	3.50
LABORATORY FEES :	
CHEMISTRY, I. and II., each.....	\$ 5.00
CHEMISTRY, III. and IV., each.....	8.00
PHYSICS, I., II. and III., each.....	2.50
NATURAL SCIENCE—Biology, I. and II., each.....	2.25
Botany, I. and II., each.....	2.25
Zoology, I. and II., each.....	2.25
Geology, I.....	2.25
Neurology .....	2.25
Physiology .....	2.25

DEGREES conferred in course :

Bachelor's Degree.....	\$ 5.00
Master's Degree.....	10.00

The fee for a degree is payable on or before the Monday before Commencement Day.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

To students working in the Chemical Laboratory any unused balance of their deposits will be returned at the end of the year.

The College does not at present provide dormitories for young men, but it expects to have a Cottage Dormitory for young women on the Campus, ready at the opening of the fall term in September, 1904. All non-resident young women will be expected to room in the Dormitory.

The Faculty gives special care to the placing of young men in good families, with pleasant and comfortable home-surroundings and conveniences, and takes a kindly supervisory interest in their student life.

Rooms furnished, heated and lighted can be secured within walking distance of the College for \$1.00 a week and upwards with two in a room; with one in a room, for \$1.50 and upwards.

Good table board can be secured at \$3.50 a week.

Abundant opportunities for self-help in the city are offered young men to help defray the expenses of room and board; a limited number are offered young women.

**ACADEMY.**

FULL TUITION—Each half-year.....	\$15.00
Two STUDIES—Each half-year.....	10.00
ONE STUDY—Each half-year.....	5.00
INCIDENTAL and LIBRARY FEE for all students each half-year...	3.50
PHYSICAL LABORATORY FEE—Each half-year.....	1.50
CHEMICAL LABORATORY FEE—Each half-year.....	5.00

All the foregoing fees are payable at the Secretary's Office in Buchtel Hall.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

For more detailed information in regard to College entrance, courses and expenses, address A. B. CHURCH, Pres., or C. R. OLIN, Sec'y.

For more detailed information regarding Buchtel Academy, see page 67, and address the PRINCIPAL, or Pres. A. B. CHURCH.

**MUSIC AND ART.**

For details of expenses see pages 80 and 81.

BUCHTEL  
COLLEGE



BUCHTEL HALL.



# FACULTY, INSTRUCTORS AND OFFICERS.

1904-1905.

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## COLLEGE.

REV. A. B. CHURCH, A. M., D. D.,

PRESIDENT.

*Messenger-Professor of Mental and Moral Philosophy.*

CHARLES M. KNIGHT, A. M., Sc. D.,

*Buchtel-Professor of Physics and Chemistry.*

CARL F. KOLBE, A. M., Ph. D.,

*Hilton-Professor of Modern Languages.*

MARIA PARSONS, A. M.,

*Pierce-Professor of English and Literature and Instructor in English History.*

JOSEPH C. ROCKWELL, A. M.,

*Professor of Greek and Latin, Director of Gymnasium and Track Athletics for Young Men.*

CHARLES BROOKOVER, A. M.,

*Professor of Natural Sciences.*

SECRETARY OF THE FACULTY.

FRANK M. MORRISON, A. M.,

*Ainsworth-Professor of Mathematics and Astronomy.*

OSCAR E. OLIN, A. M.,

*Acting Professor of Economics and History, and Instructor in Mental and Moral Philosophy.*

ANNA M. RAY,

*Instructor in Oratory and Physical Culture for Young Women.*

ETHEL JEFFERSON, A. B.,

*Assistant in Chemistry and Physics.*

OSCAR R. SCHREIBER,

*Librarian.*

## COLLEGIATE COURSES.

THE college year is divided into two terms of nineteen weeks each, not including the Christmas and Easter recesses. It is expected that students be present on the opening day of the term, and they are not allowed to prolong their recesses beyond the specified day.

### THREE COURSES OF STUDY.

The College offers three regular courses of study, requiring the same amount of preparatory work, and each requiring four years of study in the College. These courses are:

1. The Classical Course, the usual course of that name, requiring extensive work in the Ancient Languages, and offering electives in Modern Languages, Mathematics, Latin, Greek, Literature, Philosophy and Science. This course leads to the degree of Bachelor of Arts.

2. The Philosophical Course, substituting the study of German for Greek, and offering the same range of electives as the Classical Course. This course leads to the degree of Bachelor of Philosophy.

3. The Scientific Course, in which the language training is mostly confined to the German and English languages. More preparatory work in the sciences is required for admission. This course is entirely on a footing with the other courses, offering wide training in Mathematics and the Sciences, while with the liberal use of electives, the student is enabled to cover much of the ground of the other courses. This course leads to the degree of Bachelor of Science.

### ELECTIVE AND REQUIRED WORK.

In keeping with the trend of higher education, Buchtel College offers opportunities for extensive elective work. But to avoid the evils of desultoriness, every student is advised to make out, at the beginning of the Sophomore year, a scheme for his elective work for the entire course. Members of the Faculty will gladly confer with students regarding this important matter.



## REGULATIONS.

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The following rules are to be observed by all students :

1. All freshman work is required.
2. After the freshman year, four studies a half-year are counted full work.
3. After the freshman year twenty-four credits are necessary for obtaining the Bachelor's degree, a "credit" meaning the completion of one study of four recitations per week, or its equivalent for one half-year, the full work of the student thus being four studies or sixteen recitations per week each half-year.
4. After the freshman year, electives are not limited to any one year, *i. e.*, there are no sophomore, junior or senior electives, but under the direction of the Committee on Classification, the student may elect any course *which he is qualified to pursue*.
5. Students are required to hand to the Secretary of the Faculty, at least two weeks before the opening of any half-year, a list of their elective studies for that half-year.
6. No student is allowed to take more nor less than four studies a half-year, without consent of the Faculty.
7. No student is allowed to drop a study after the opening of a half-year, without the consent of the Committee on Classification.
8. No student will be allowed to postpone a required study, or take a study in place of those prescribed without permission of the Faculty.
9. No student will be allowed to change his election of studies for any half-year without permission of the Committee on Classification.

Students are advised to take fundamental studies early in the course, *i. e.*, in the sophomore year, such studies as are required in preparation for further work ; also to follow lines of work rather than isolated studies.

10. The thesis for graduation shall be handed in to the Secretary of the Faculty on or before the beginning of the Senior vacation.

## ADMISSION AND RECORD.

Each candidate for college admission must have had at least a full high school preparation, or college preparatory course, embracing the specific subjects named for college entrance.

In place of entrance examinations the following certificate plans will be accepted:

I. The certificates of principals of approved high schools and academies will admit students to the freshman class on probation, and such statement must be a certification of the specific subjects in which the candidate has passed satisfactory examinations covering the requirements as stated for college entrance. Such certificate must be filed with the Committee on Classification by the candidate on application for entrance. Blank forms for the record of such work will be furnished on application to the President or Secretary of the Faculty.

II. The pass-cards, certificates and academic diploma of the State Board of Regents of New York State for the subjects which they cover will be accepted for college entrance on probation. Such credentials will not, however, be accepted for advance standing.

Students admitted on probation, after reasonable trial will be advanced to full class standing on satisfactory evidence of ability and determination to maintain their class work.

During the course of study, unannounced examinations are held at the discretion of the professors, and announced examinations are required in case of absence or failure.

Applicants desiring to enter an advanced class, who do not present satisfactory grades from other colleges, will be examined in the studies of the lower classes or their equivalents, in the particular course to be pursued.

Students having completed a course in Buchtel Academy will be admitted to the corresponding course of the College without further examination.

Arrangements can be made by the students for private instruction, for the removal of conditions.

Testimonials of good moral character must be presented by all applicants.

Students coming from other institutions of learning must furnish certificates of honorable dismissal.

A record of each student's standing is kept, which may be examined by committees, trustees, parents, and friends of the College.

Reports of the grades of all students are sent to parents or guardians at the close of each session.

### **SPECIAL STUDENTS.**

All students are advised to pursue a regular course of study, even if it cannot be completed.

But persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the Scientific Course, and may elect such studies as they are qualified to pursue. They must file with the Committee on Classification certificates of their previous work.

Thus an opportunity is offered to a considerable number of young people who do not wish to spend time for a full course, but who desire some college work. Those preparing to teach, those fitting for business, or those who intend to give time to music or art, are especially thus accommodated. Such students will also find themselves proportionately advanced, should they later decide to take a regular course.

On the completion of their studies, such students will be granted a certificate stating the work completed.

### **TERMS OF ADMISSION.**

The following work is required of candidates for entrance to the Freshman Class in each of the College courses :

#### **CLASSICAL COURSE.**

GREEK.—Grammar (Goodwin or equivalent); three books of Xenophon's *Anabasis*; three books of Homer's *Iliad*; Prose Composition, as found in Jones' *Exercises*; Greek history, as found in Pennell.

LATIN.—Grammar, including Prosody (Bennett, Allen & Greenough or Harkness) ; three books of Cæsar's Commentaries, or Arrowsmith & Whicher's First Latin Readings; six of Cicero's Orations; six books of Vergil's Æneid; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic (including the Metric System) ; Algebra, Taylor's Algebra through Quadratic Equations or its equivalent; Geometry, plane, solid, and spherical.

ENGLISH.—Composition, Grammar, Analysis, Elementary Rhetoric, Reading of English and American writers.

HISTORY.—United States.

POLITICAL SCIENCE.—Civil Government.

DRAWING.—Free Hand.

#### PHILOSOPHICAL COURSE.

LATIN.—Grammar, including Prosody (Bennett, Allen & Greenough or Harkness) ; three books of Cæsar's Commentaries, or Arrowsmith & Whicher's First Latin Readings; six of Cicero's Orations; six books of Vergil's Æneid; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic (including the Metric System) ; Algebra, Taylor's Algebra through Quadratic Equations or its equivalent; Geometry, plane, solid, and spherical.

NATURAL SCIENCE.—Physiology, Physical Geography.

ENGLISH.—Composition, Grammar, Analysis, Elementary Rhetoric, Reading of English and American writers.

HISTORY.—United States, General History.

POLITICAL SCIENCE.—Civil Government.

DRAWING.—Free Hand.

#### SCIENTIFIC COURSE.

LATIN.—Grammar, including Prosody (Bennett, Allen & Greenough or Harkness) ; three books of Cæsar's Commentaries, or Arrowsmith & Whicher's First Latin Readings; six of Cicero's Orations, or,—

GERMAN.—Two years' work in German will be accepted in place of Latin.

MATHEMATICS.—Arithmetic (including the Metric System) ; Algebra, Taylor's Algebra through Quadratic Equations or its equivalent ; Geometry, plane, solid, and spherical.

NATURAL SCIENCE.—Physiology, Physics, Physical Geography.

ENGLISH.—Composition, Grammar, Analysis, Elementary Rhetoric, Reading of English and American writers.

HISTORY.—United States, General History.

POLITICAL SCIENCE.—Civil Government.

DRAWING.—Free Hand.

Except in Languages and Mathematics a fair equivalent may be allowed for any academic study other than those mentioned above for College entrance.

In Science note books should be presented in evidence of laboratory work done.

REQUIREMENTS IN ENGLISH.—(Now practically uniform throughout the United States) :

#### READING AND PRACTICE.

Goldsmith—The Vicar of Wakefield.....	1903-1905
Tennyson—The Princess.....	1903-1905
Carlyle—Essay on Burns.....	1903-1905
Shakespeare—Julius Cæsar.....	1903-1905
Shakespeare—The Merchant of Venice.....	1903-1908
Addison—Sir Roger de Coverley.....	1903-1908
Lowell—The Vision of Sir Launfal.....	1903-1908
Scott—Ivanhoe .....	1903-1908
Coleridge—The Ancient Mariner.....	1903-1908
George Eliot—Silas Marner.....	1903-1908
Shakespeare—Macbeth .....	1906-1908
Scott—The Lady of the Lake.....	1906-1908
Tennyson—Lancelot and Elaine.....	1906-1908
Tennyson—The Passing of Arthur.....	1906-1908
Tennyson—Gareth and Lynette.....	1906-1908
Irving—Life of Goldsmith.....	1906-1908

#### STUDY AND PRACTICE.

Macaulay—Essay on Milton.....	1903-1905
Shakespeare—Macbeth .....	1903-1905
Macaulay—Essay on Addison.....	1903-1908
Burke—Speech on Conciliation.....	1903-1908
Milton—L'Allegro and Il Penseroso.....	1903-1908
Milton—Comus .....	1903-1908
Milton—Lycidas .....	1903-1908
Macaulay—Life of Johnson.....	1906-1908
Shakespeare—Julius Cæsar.....	1906-1908

Equivalent readings will be accepted.

REQUIRED  
AND  
ELECTIVE  
COURSES



## REQUIRED STUDIES.

1904-1905.

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The following table shows the work of the Freshman year, for the various courses. All of the work is required.

### CLASSICAL COURSE.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Greek I.....	4	Greek II.....	4
Latin I.....	3	Latin II.....	3
Mathematics I.....	4	Mathematics II.....	4
Biology I.....	2	Biology II.....	3
Rhetoric I. and Reading and Expression.....	3	Rhetoric II.....	2
Gymnasium .....	2	Gymnasium .....	2

### PHILOSOPHICAL COURSE.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
German I.....	4	German II.....	4
Latin I.....	3	Latin II.....	3
Mathematics I.....	4	Mathematics II.....	4
Biology I.....	2	Biology II.....	3
Rhetoric I. and Reading and Expression.....	3	Rhetoric II.....	2
Gymnasium .....	2	Gymnasium .....	2

### SCIENTIFIC COURSE.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
English I.....	3	English II.....	3
German I.....	4	German II.....	4
Mathematics I.....	4	Mathematics II.....	4
Biology I.....	2	Biology II.....	3
Or Mechanical Drawing and Descriptive Geometry.....	3	Or Mechanical Drawing and Descriptive Geometry.....	3
Rhetoric I. and Reading and Expression.....	3	Rhetoric II.....	2
Gymnasium .....	2	Gymnasium .....	2



After the Freshman year the following work is required:

*For the degree of Bachelor of Arts—*

- One year of Latin or Greek.
- One year of Philosophy.
- One year of Physical Science.

*For the degree of Bachelor of Philosophy—*

- One half-year of Logic.
- One half-year of Political Economy.
- One year of Philosophy.
- One year of Physical Science.

*For the degree of Bachelor of Science—*

- One year of Chemistry.
- One year of Physics.
- One year of Natural Science.

These required studies may be taken any year, at the option of the student, although it is recommended that the student take them in the order named.

# SCHEDULE OF CLASSES.

1904-1905.

## FIRST HALF-YEAR.

8:00	8:55 to 9:15	9:15	10:10	11:05	1:30	2:25	3:20
German V.	Chapel.	French I.	Physics III.	Physics I.	Chemistry I.	Chemistry I.	Chemistry III.
Astronomy I.	"	Mathematics I.	German I.	German III.	History I.	Chemistry III.	History III. (2)
Rhetoric I.	"	Literature I. (3)	Mathematics V.	Mathematics I.	Oratory I.	Mathematics VII.	History of Greek
Reading and Expression } (3)	"	Greek I.	Literature III.	Literature V.	Mech. Drawing.	German VII. (2)	Sculpture. (2)
Latin III., V., VII.	"	Geology I.	Greek III., V., VII.	Latin I. (3)	Biology I. (2)	French III. (2)	Gymnasium. (2)
Zoology I.	"	Political Economy I.	Neurology.	Botany I.	Logic.		
				Ethics I.	Biology I. (2)		

## SECOND HALF-YEAR.

8:00	8:55 to 9:15	9:15	10:10	11:05	1:30	2:25	3:20
German VI.	Chapel.	French II.	Physics IV.	Physics II.	Chemistry II.	Chemistry II.	Surveying.
Meteorology.	"	Mathematics II.	German II.	German IV.	History II.	Chemistry IV.	History III. (2)
Rhetoric II. (2)	"	Literature II. (3)	Mathematics VI.	Mathematics II.	Oratory II.	German VIII. (2)	History of Greek
Latin IV., VI., VIII.	"	Greek II.	Literature IV.	Literature VI.	Mech. Drawing.	French IV. (2)	Sculpture (2)
Biology II. (1)	"	Geology II.	Greek IV., VI., VIII.	Latin II.	Biology II. (2)	Surveying.	Gymnasium. (2)
Zoology II.	"	Political Economy II.	Psychology.	Botany II.		Biology II. (2)	
			Physiology.	Ethics II.			
				Natural Theology.			

Electives must be made out from this schedule. These courses are described on the following pages.

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### MENTAL AND MORAL PHILOSOPHY.

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PRESIDENT CHURCH.

PROFESSOR OLIN, INSTRUCTOR.

One year of Philosophy is required of all students who are candidates for the degree of A. B. or Ph. B.

**First Half-Year.**

*Ethics I.* Tu., We., Th., Fr., 11:05.

Text-book, Mackenzie.

Moral Philosophy is an elective for two half-years. The subject embraces theoretical and practical ethics and is studied with refer-

ence to the origin and development of ethical ideas as viewed in the light of modern philosophy. Text-books are used as guides, but the aim is to encourage individual research and original thought; to that end, topics are assigned at intervals during the course, and students are referred to a library of wide and well chosen reference books. Papers are written and discussed on the doctrine and influence of such men as Socrates, Plato, Kant, Berkeley, and others, and on the systems of thought advanced by the Stoics, Epicureans, Cynics, and Ascetics. The theoretical bearing of the contemporaneous problems of Education, Charities, Penology, Temperance, and Sociology is introduced and the fullest discussion invited.

### Second Half-Year.

*Psychology.* Tu., We., Th., Fr., 10:10. Those electing this subject must have taken the half-year of College Physiology, giving special attention to Neurology.

Text-book, James' Psychology.

Psychology is an elective for second half-year and must be preceded by the course in Neurology. A text-book affords the basis of study, and is supplemented by oral instruction which follows the lines of modern investigation. From time to time such topics as Habit, Memory, Imagination, Illusion, Hallucination, and Alternating Personality are assigned, and the student is referred to authorities in the library and expected to write papers which are read and discussed in the class, the purpose being to familiarize the student with the library method of study and investigation, and to stimulate him to think for himself. Original problems in observation are worked out by the students, reports discussed in class and note books kept.

*Ethics II.* Tu., We., Th., Fr., 11:05. Continuation of course I. with *Natural Theology*.

Text-books, Mackenzie and Valentine.

During the last thirteen weeks of the second half-year the course in Ethics is supplemented by a course in Natural Theology. The object of this course is to lead the student carefully to observe the phenomena of Nature, to trace their causes to their creative source, and to read from them the power, wisdom and beneficence of God. A text-book is used as an outline, while the student is given problems for original investigation and application, and topics for library research.

# PHYSICAL SCIENCE.

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PROFESSOR KNIGHT.

ETHEL JEFFERSON, PH. B., INSTRUCTOR.

One year of Physical Science is required of candidates for the A. B. and Ph. B. degrees.

One year of Chemistry and one year of Physics is required of candidates for the S. B. degree.

## COURSES IN CHEMISTRY.

### First Half-Year.

- I. *General Chemistry*. Mo., Tu., Th., Fr., 1:30 to 3:20. Eight hours per week. Descriptive Chemistry and Inorganic preparations.

The elements of inorganic chemistry are taught by recitations, lectures and practical work in the laboratory. Each student is assigned a desk in the laboratory, furnished with apparatus and chemicals, and it is required that most statements shall be confirmed by experiment and illustrated before the class; each student is further required to manufacture one or more salts under each basic element, and to explain fully the process and principles involved and exhibit to the class the results of the work.

- III. *Quantitative Analysis*. Mo., Tu., Th., Fr., 2:25 to 4:15. Eight hours per week. Open to students who have completed courses I. and II.

Gravimetric and volumetric; examination of simple salts and minerals, coal, limestone, milk, water and foods.

- V. *Quantitative Analysis—Technical*. Eight hours per week of laboratory work required. Open to students who have taken courses I., II., III. and IV.

Any two consecutive afternoon hours may be chosen for this work. Topics from chemical journals are assigned for reading and study. Students may select the material for investigation.

## Second Half-Year.

- II. *Inorganic Preparations and Qualitative Analysis.* Mo., Tu., Th., Fr., 1:30 to 3:20. Eight hours per week. Open to students who have finished course I.

Separation and testing of the common metals and acids; blow-pipe tests for metals in commercial ores; lectures and "quizzes" in addition to the laboratory work.

- IV. *Organic Chemistry.* Mo., Tu., Th., Fr., 2:25. Five hours per week. Open to students who have taken courses I. and II.

The instruction in Organic Chemistry consists of recitations and laboratory work. Conferences of teacher and students are held at which new theories are discussed and the latest researches are presented; work in the laboratory comprises proximate analyses and the preparation and testing of most organic products.

- VI. *Quantitative Analysis—Mineralogy and Assaying.* Ten hours per week. Assignment of hours after class is formed. Open to students who have taken courses I., II., III., IV. and V.

Students allowed to choose the line of investigation to be followed. The course involves such a variety of methods and processes as will enable the student to undertake most chemical separations and tests. Students who have taken the courses in electricity will be allowed to pursue a course in electro-chemistry and the determination of physical constants.

Industrial Chemistry is taught by lectures and laboratory practice. Whenever possible, actual products are exhibited to the students and the manufacturing processes reproduced in miniature. The great losses by imperfect methods of manufacture and by waste products are pointed out and the student is taught to see the true economy of production. Illustrative of the topics studied, visits are made to various manufacturing establishments and an opportunity is given to see manufacturing operations in actual working. Akron and the neighboring village of Barberton afford a varied field for the study of chemistry applied in the industries as shown in a partial list of prominent manufactories:

The manufacture of illuminating and water gas.

The making of pottery and various clay products.

The manufacture of india rubber products, both hard and soft.

The manufacture of paper and straw-board.  
The manufacture of artificial ice.  
The making of soda ash.  
The manufacture of paints and varnishes.

### COURSES IN PHYSICS.

The courses in physics presuppose, as preparation, a year of elementary physics, a half-year of chemistry and mathematics through analytical geometry. They include recitations and laboratory practice, together with readings from scientific journals, and cover mechanics, sound, heat, light and electricity. A simple exposition of the experimental facts of these branches is first undertaken, followed by theoretical discussions to show the connection of their principles and to bring out their common relation to the doctrine of the conservation of energy. Lectures and topic-reading present the recent advances of Physical Science, and point out the practical application of its principles. Quantitative determinations in the laboratory are required in all parts of the course. The subject of Photography, including its various applications in the sciences and arts, is taught by lectures and practical work.

Students are required to become familiar with the projecting lantern as an instrument of demonstration in the lecture room, and, in general, to perform with their own hands all experimental illustration. The apparatus is all new and for the most part quantitative. The class-room and laboratory work is supplemented by frequent visits to manufacturing plants to study the application of physical principles in machinery and other agents.

#### First Half-Year.

I. *Mechanics, Pneumatics and Sound.* Mo., Tu., Th., Fr., 11:05. Six hours per week.

Extra laboratory hours required. Problems are given and readings from scientific journals required.

III. *Electricity and Magnetism.* Mo., Tu., Th., Fr., 10:10. Six hours per week. Open to students who have taken courses I. and II.

Recitations, lectures and laboratory practice. Various laboratory manuals used.



## Second Half-Year.

- II. *Heat, Light and Photography.* Mo., Tu., Th., Fr., 11:05. Six hours per week. Open to students who have finished course I.

Recitations, lectures and laboratory practice. The months of May and June are given to the practice of photography.

- IV. *Electricity and Its Applications.* Mo., Tu., Th., Fr., 10:10. Six hours per week. Open to students who have taken courses I., II. and III.

Recitations, lectures and laboratory practice. Visits to various manufactories where electricity is developed and applied. In this course a practical study of the application of the electric current to the telephone, telegraph, electric light, dynamo, motor and transmission of power will be undertaken.

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## MODERN LANGUAGES.

PROFESSOR KOLBE.

### GERMAN.

It is commonly conceded that to the average American student of the modern languages, German is the most important; consequently a large place is assigned to it. The object of this department is to enable the student to acquire rapidly a practical knowledge of German. Special attention is given to pronunciation and the training of the ear for the sounds of the German language. From the beginning, the German language is used in the class-room as the medium of teaching German. This well-tested method has yielded, during the many years of its use, very satisfactory results to all students who put forth proper efforts. Thus, this method consistently pursued during a four years' course not only guarantees to the faithful student an accurate and comprehensive knowledge, furnishing the key to the vast field of German literature, but it recognizes also the practical claims of the German language in a country where millions of German-speaking people live, where business relations and demands, in their various forms, call for an actual and practical use

of this language, and where, therefore, this language, above all, should become, as far as possible, a living language in the mouth of the student. In thus combining theory with practical work it is thought that the greatest good will come to the student in the pursuit of the German language through the means indicated. Below are the details of the various courses.

#### First Half-Year.

I. Mo., Tu., We., Th., 10:10. Required of Philosophical and Scientific Freshmen.

Joynes-Meissner's Grammar, Part I.; written grammar exercises from English into German; Bronson's Prose and Poetry.

III. Mo., Tu., We., Th., 11:05.

Schiller's Maria Stuart; Von Jagemann's Materials for German Prose Composition; Lessing's Minna von Barnhelm; Schiller's Ballads; Dictation.

V. Mo., Tu., We., Th., 8:00.

Schiller's Wallenstein; German Essays and Letters; reading at sight; History of German Literature.

VII. Tu., Th., 2:25.

Schiller's Don Carlos; Goethe's Meisterwerke (Bernhardt); History of German Literature (Scherer); German Composition.

#### Second Half-Year.

II. Mo., Tu., We., Th., 10:10. Required of Philosophical and Scientific Freshmen.

Review of grammar; rapid oral translation of all English exercises of grammar into German; Storm's Immensee; Hillern's Hoeherals die Kirche; Gerstaecker's Germelshausen.

IV. Mo., Tu., We., Th., 11:05.

Heine's Harzreise; Sesenheim (Goethe's Dichtung und Wahrheit); Goethe's Hermann und Dorothea; German Prose Composition; History of German Literature.

VI. Mo., Tu., We., Th., 8:00.

Goethe's Egmont; Lessing's Nathan der Weise; Simm's Life of Lessing; History of German Literature; review of History of German Literature (written in German).

VIII. Tu., Th., 2:25.

Goethe's Faust (Part I.); Grimm's Life and Times of Goethe; History of German Literature (Scherer); German Composition.

## FRENCH.

PROFESSOR KOLBE.

### First Half-Year.

I. Mo., Tu., We., Th., 9:15.

Edgren's Grammar; written Grammar Exercises from English into French; Super's Reader; Berthet's Le Pacte de Famine.

III. Mo., We., 2:25.

Racine's Phedre; reading at sight; Prose Composition.

### Second Half-Year.

II. Mo., Tu., We., Th., 9:15.

Review of Grammar, written and oral; special drill on irregular verbs; Prose Composition; Erckmann-Chatrian's Le Conscrit de 1813; Musset's Pierre et Camille; Scribe's Le Verre d'Eau.

IV. Mo., We., 2:25.

Moliere's Le Misanthrope; Corneille's Le Cid; reading at sight; Prose Composition.

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## GREEK.

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PROFESSOR ROCKWELL.

One year of elective work in Greek or Latin is required of candidates for the A. B. degree. The elective courses this year are III. and IV.

During the Freshman year the drill in forms and grammar is continued daily, and attention is given to the history and literature.

In the advanced courses the great masterpieces of prose and poetry are studied in their proper historical and literary setting, and the effort will be made during the three years' rotation of courses for the student to become more thoroughly acquainted with the lives and works of a small number of selected authors. As far as is admissible, some attention is given in connection with the regular work to Greek Private Life.

#### First Half-Year.

- I. *Lysias (Selected Orations)*; *Homer (Odyssey)*; *Literature*. Tu., We., Th., Fr., 9:15. Required of Classical Freshmen.
- III. *Herodotus (Book VI.)*; *Aristophanes (Clouds, with special reference to Greek Private Life)*. Tu., We., Th., Fr., 10:10.
- V. *Isocrates (Panegyricus)*; *Pindar (Selected Odes)*. For 1905-1906.
- VII. *Aristophanes (Birds)*; *Thucydides (Book VII.)*. For 1906-1907.

#### Second Half-Year.

- II. *Plato (Apology and Crito)*; *Euripides (Medea)*; *Literature*. Tu., We., Th., Fr., 9:15. Required of Classical Freshmen.
- IV. *Demosthenes (De Corona)*; *Euripides (Iphigenia among the Taurians)*. Tu., We., Th., Fr., 10:10.
- VI. *Æschylus (Persians)*; *Æschines (Against Ctesiphon)*. For 1905-1906.
- VIII. *Sophocles (Œdipus Tyrannus)*; *Demosthenes (Philippics)*; Selections from Greek Lyric Poetry. For 1906-1907.

# LATIN.

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PROFESSOR ROCKWELL.

One year of elective work in Greek or Latin is required of candidates for the A. B. degree.

The elective courses for 1904-1905 are III. and IV.

## First Half-Year.

- I. *Cicero (De Senectute)*; *Plautus (Menaechni)*; Prose Composition. Tu., Th., Fr., 11:05. Required of Classical and Philosophical Freshmen.

During the Freshman year a careful review is made of the grammatical forms, syntax and idiomatic expressions, and written translations constitute a prominent feature of the work.

- III. *Livy (Book XXII.)*; *Plautus (Mostellaria)*. Tu., We., Th., Fr., 8:00.

During this year's work in Latin III. and IV. one recitation a week will be devoted to Roman Private Life. This work will consist of lectures and collateral reading designed to supplement the reading courses and will continue the work previously taken up. The domestic, social and industrial life, the customs, dress and implements of the Romans will be described and illustrated. The Private Life of the Romans by Johnston will be used as text-book.

- V. *Tacitus (Annals XI.-XVI.)*; *Suetonius (Claudius and Nero)*. For 1905-1906.

- VII. *Tacitus (Germania and Agricola)*; *Juvenal (Satires)*. For 1906-1907.

The courses for the advanced classes are arranged to give a comprehensive view of the great productions of Latin authors, and these are interpreted so as to awaken an appreciation for the history and the spirit of the times in which they lived. To assist in this, one hour a week is devoted to a more detailed examination of the antiquities of Roman private life, by lectures and collateral reading. This work will be amply illustrated by cuts, photographs and colored plates.

The courses in Latin are supplemented by Latin Prose Composition and Roman Literature.

## Second Half-Year.

- II. *Pliny (Selected Letters)*; *Horace (Odes and Epodes)*. Tu., Th., Fr., 11:05. Required of Classical and Philosophical Freshmen.
- IV. *Terence (Audria)*; *Cicero (Selected Letters)*; *Horace (Odes and Epodes)*. Tu., We., Th., Fr., 8:00.
- VI. *Cicero (De Oratore)*; *Catullus (Selected Odes)*. For 1905-1906.
- VIII. *Lucretius (De Rerum Natura)*; *Horace (Satires and Epistles)*. For 1906-1907.

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## HISTORY OF GREEK SCULPTURE.

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PROFESSOR ROCKWELL.

Entire year. Two hours per week. Omitted in 1904-1905).

-This has been planned as a general course and will not require work in Greek or Latin. It will consist largely of lectures. There will be a short introduction setting forth the relation of Greek Art to the Art of Egypt, Assyria and Phœnicia, and this will be followed by a discussion of the various periods and schools of Greek Sculpture and the more important artists. The subject will be illustrated by photographs and lantern-slides. Tarbell's History of Greek Art will be made the basis of the course, and some collateral reading in histories of art will be required. The ability to read German, though not absolutely necessary, will be decidedly advantageous.

Note books of the students will be examined by the instructor from time to time.

The course must be taken the entire year to count in any way as a credit and it is open only to Juniors and Seniors.

# MATHEMATICS.

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PROFESSOR MORRISON.

The courses in Mathematics are designed to give, besides the inherent discipline, a foundation for further work in the pure science and in some applied lines, such as Engineering, Physics and Astronomy.

Courses I.-VIII. are given every year. Courses IX. and X. will be given when there is sufficient demand and time will permit.

## First Half-Year.

I. *College Algebra*. Tu., We., Th., Fr., two sections, 9:15 and 11:05. Required of all Freshmen.

Text: Taylor, *College Algebra*.

Indeterminate equations, progressions, theory of limits, derivatives, development of functions in series, partial fractions, binomial theorem, convergency and summation of series, logarithms, permutations and combinations, elementary theorems in theory of equations, elements of determinants.

III. *Mechanical Drawing and Descriptive Geometry*. Throughout year. Two hours each day, Tu., We., Fr., 1:30.

Texts: Anthony, *Elements of Mechanical Drawing*.  
Reinhardt, *Lettering*.

Church, *Descriptive Geometry*.

An alternative with Biology for Scientific Freshmen.

*Mechanical Drawing*: use of drawing instruments, elementary geometrical drawing, lettering, projections, tracing, blue printing.

*Descriptive Geometry*: representation of points, lines, planes and intersections in orthographic projection; curved lines, tangents, normals, development and intersection of surfaces.

The first half of the year the most of the time is given to the *Mechanical Drawing*; the second half more time is given to the *Descriptive Geometry*, the drawing being mostly the solution of problems in *Descriptive Geometry*.



V. *Analytic Geometry.* Tu., We., Th., Fr., 10:10.

Text: Ashton, *Analytic Geometry.*

Prerequisite: Courses I. and II.

The point, right line, circle, parabola, ellipse and hyperbola in cartesian and polar coordinates; discussion of the general equation of the second degree; elements of Solid Analytic Geometry.

VII. *Integral Calculus.* Tu., We., Th., Fr., 2:25. Continuation of course VI.

Text: Murray, *Integral Calculus.*

Integration of elementary forms, of rational and irrational functions, of trigonometric and exponential functions; multiple integrals; rectification of curves; quadrature of plane and curved surfaces; cubature of volumes; applications to Mechanics.

IX. *Theory of Equations and Differential Equations.* Selected parts from Burnside and Panton's *Theory of Equations* and Murray's *Differential Equations.*

Some of the more important theorems in *Theory of Equations*, with an introduction to *Differential Equations.*

#### Second Half-Year.

II. *Plane and Spherical Trigonometry.* Tu., We., Th., Fr., two sections, 9:15 and 11:05. Required of all Freshmen.

Text: Crockett, *Plane and Spherical Trigonometry.*

Trigonometric functions and formulae, logarithmic functions, trigonometric equations, solution of right and oblique angled plane triangles, De Moivre's Theorem and trigonometric series, solution of right and oblique angled spherical triangles, applications.

IV. *Mechanical Drawing and Descriptive Geometry.* Tu., We., Fr., 1:30. Two hours each day. Continuation of course III.

VI. *Differential Calculus.* Tu., We., Th., Fr., 10:10.

Text: McMahon and Snyder, *Differential Calculus.*

Prerequisite: Courses I., II., V.

Differentiation of functions of one and several variables, development of functions, indeterminate forms, maxima and minima of one and several variables, tangents and normals, asymptotes, direction, contact and curvature, evolutes and involutes, envelopes, singular points, curve tracing.

VIII. *Surveying*. Two hours each day for field work, Tu., We., Th., Fr., 2:25. Text: Raymond, *Plane Surveying*. Prerequisite: Courses I. and II.

Careful study of fundamental principles; adjustment of instrument; field work with tape, chain, level, transit; measuring angles, distances, areas; leveling; profile and contour work; land surveying; laying out of curves; drawings are made of all work.

### X. *Analytic Mechanics*.

Fundamental principles in Statics and Kinetics, with applications, using the Analytic Geometry and Calculus; work about such as given in Bowser's *Analytic Mechanics*.

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Each year the demand has been stronger that it be made possible for a student to obtain such work in his Literary Course, as to shorten his Course in a Technical School by two years. Buchtel College intends to continue distinctly as a College of Liberal Arts and Letters, but it has seemed wise to yield to the demand to a certain extent. A year's work in Mechanical Drawing and Descriptive Geometry, and a half-year's work in Physics have been added. This work will be such as will be accepted at full value by any Technical School.

The course in Mechanical Drawing and Descriptive Geometry is made an alternative with Biology in the Freshman year for Scientific students. The additional half-year's work in Physics consists of work in Applications of Electricity. With this two full years' work in Physics will be given.

As it is possible and it seems wise additional work in drawing and surveying will be given, also courses IX.-X. in Mathematics.

A student looking forward to a Technical course after finishing the Literary Course should make it known to the Classification Committee and the professors in charge, that a proper selection and election of work to this end may be made.

# ASTRONOMY.

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PROFESSOR MORRISON.

Courses I. and II. are primarily for the general student and are given every year. They furnish an opportunity of becoming acquainted with the general facts and methods of Astronomy and Meteorology. Courses III. and IV. are for the student who wishes a foundation for extended work in Astronomy and will be given when there is sufficient demand.

## First Half-Year.

I. *Descriptive Astronomy.* Tu., We., Th., Fr., 8:00.

Text: Young, Manual of Astronomy.

Prerequisite: Courses I. and II. in Mathematics.

The celestial sphere, astronomical instruments, introduction to fundamental problems of practical Astronomy and general laws of Celestial Mechanics, sun, earth, other planets, moon, stars, comets, nebulae; illustrated by the instruments of the observatory.

III. *Practical Astronomy.*

Text-book: Campbell's Practical Astronomy.

Methods of observation with the different instruments; methods of making corrections and reduction of observations; determination of time, latitude and longitude.

## Second Half-Year.

II. *Meteorology.* Tu., We., Th., Fr., 8:00.

Text: Davis, Elementary Meteorology.

Temperature, air pressure, winds, clouds, moisture, precipitation, atmospheric optics and electricity; general, secondary and special circulation of the atmosphere; weather and weather predictions; general climate and climate of the United States.

IV. *Theoretical Astronomy.*

General laws of Kinetics, of Central forces; problems of two bodies; theories of solar heat; double star orbits.

Lectures, supplemented by reference reading.

# ENGLISH LITERATURE, HISTORY, RHETORIC, LOGIC.

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PROFESSOR PARSONS.

## LITERATURE.

### First Half-Year.

- I. *English and American Orators.* Mo., We., Fr., 9:15.  
Required of Freshmen in the Scientific Course.

The purpose of courses I. and II. is to give some knowledge of the masters of the oration and the essay; to show how great thought may be greatly expressed; to trace, so far as may be, the parts in the whole and the whole in the parts—the unity of the one, the divisions of the other, the orderly disposition of the subject-matter, its diction, illustrations and examples.

- III. *History of English Literature to the Seventeenth Century.* Mo., Tu., We., Fr., 10:10.

Studies, Beowulf and fragments of Early English; Chaucer's Canterbury Tales; Spenser; Shakespeare begun.

- V. *History of American Literature.* Mo., Tu., We., Fr., 11:05.

Studies, Irving, Bryant, Emerson, Hawthorne, Whittier, Longfellow, Lowell, Holmes.

### Second Half-Year.

- II. *English and American Essayists.* Mo., We., Fr., 9:15.  
Required of Freshmen in the Scientific Course.

- IV. *History of English Literature, Seventeenth and Eighteenth Centuries.* Mo., Tu., We., Fr., 10:10.

Studies, Shakespeare continued; Milton, Bunyan, Dryden, Addison, Pope, Johnson, Goldsmith.

- VI. *English Authors of the Nineteenth Century.* Mo., Tu., We., Fr., 11:05.

Studies, Scott, Wordsworth, Byron, Shelley, Dickens; Thackeray, George Eliot, Macaulay, Carlyle, Arnold, Ruskin, Browning, Tennyson.

Courses III., IV., V., VI., in all, cover the history of English Literature from the fifth to the twentieth century. This story is necessarily inwoven with the larger story of national life, its traits, its higher aims, its moral conquests. The chief purpose, however, is to know, with some reasonable fullness, a few great authors by the study of what they have written; and, in slighter fashion, to learn something of their contemporaries and their times. Any text-book of literature is helpful—Brooke, Shaw, Halleck, Johnson, Taine, Tyler, Mathews, Newcomer.

Green's Short History of the English People is valuable. For the study of three or four of Shakespeare's greater plays, such as Hamlet, Macbeth, Othello, Lear, the individual editions are good,—Hudson, Rolfe, the Cambridge, the Arden: for the hastier reading of ten or twelve other plays, to get some idea of their rich variety, a complete edition in one volume is convenient. The minor poems of Milton and the Paradise Lost, entire, are read; hence, a volume of his poems, any edition, is necessary.

The College Library and the city library freely offer their large aid. Will it do to add that a knowledge of the Bible, in itself the noblest literature, is essential to the appreciation of all good literature? The wider the range, and the wiser the choice of a student's previous reading, the greater the benefit of these courses of study.

## HISTORY.

### First Half-Year.

- I. *History of England to the Seventeenth Century.* Mo., Tu., We., Fr., 1:30.

Text-book, Terry. Green, Gardiner, Montgomery, Macaulay and others in the College library are used for reference.

As the history of England involves the interests of other countries, there must be additional subjects of study; any general history of Europe is helpful.

Lack of elementary English history and of historical reading is a serious want to the student. Such books as the following are recommended: Bulwer-Lytton's Harold, Kingsley's Hereward and Westward Ho; Shakespeare's English historical plays,—a part of the required work—Tennyson's Harold, Becket and Queen Mary, Scott's historical novels, Macaulay's and Thackeray's historical essays.

- III. *History of Europe Since 1789.* Tu., We., 3:20. This course extends throughout the year. Any text-book on the period. Judson and Fellows, though elementary, are good. Müller is excellent for Germany. Historians of France are innumerable.

Second Half-Year.

- II. *History of England to the Twentieth Century.* Mo., Tu., We., Fr., 1:30. A continuation of course I. Text-book and references as above.
- III. *History of Europe Since 1789,* continued from first half-year. Tu., We., 3:20.

ENGLISH.

First Half-Year.

PRESIDENT CHURCH.

- I. *Rhetoric and Expression.* Tu., We., Th., 8:00. Required of all Freshmen. Text-book: Hart's Essentials of Prose Composition, supplemented by lectures, quizzes, etc.

The first half-year is devoted to the study of diction and the structure of the sentence and paragraph, also to the principles of narration and description. Weekly drill in theme-writing and extempore composition will be given, especial attention being given to proper position, voice and enunciation in oral delivery.

Second Half-Year.

PROFESSOR PARSONS.

- II. *Rhetoric.* Mo., Fr., 8:00. Required of all Freshmen.

Verse Composition, study and practice of the chief varieties of English verse and stanza. Practice in criticism; subjects chosen from entrance requirements in English. Exercises on forms of discourse. One theme per week; one oral exercise per week.



## LOGIC.

PROFESSOR PARSONS.

### First Half-Year.

- I. *Logic*. Mo., Tu., We., Fr., 2:25. The text-book, Jevon's *Advanced Logic*. Any other logic is good for reference, especially Mill and Bain. Required of all candidates for the degree of Ph. B.

Logic is the study on the thought side of concepts, judgments, inferences; on the language side of terms, propositions, arguments; in other words, the study of correct processes of thought. It analyzes induction, traces its steps from observation, comparison, inference, proof, to the generalization of truths; it is the scientific method.

It passes not only from the particular to the general, but from the general to the particular, and points out in each case both the right way and the wrong.

It would be well for students to elect logic early, because inductive and deductive reasoning are fundamental to all other studies except the mathematics.

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## NATURAL SCIENCE.

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PROFESSOR BROOKOVER.

One year of Elective Natural Science required of candidates for the degree of B. S.

The courses in Natural Science are so arranged that students who plan early in their course, can probably cover them all without conflict. Zoology and Botany should be taken first in the Sophomore and Junior years. Geology should follow in the Senior year. Proficiency in Natural Science cannot be acquired in shorter time than is devoted to a foreign language. This time is usually not less than one subject for a period of three or four years.



### First Half-Year.

1. *Biology I.* Four hours of laboratory work, Mo., Tu., or Th., Fr., 1:30 to 3:20. Required of Freshmen.

Text-book: Jordan and Kellog's *Animal Life*.

This course is one in Zoology. The course is planned to accomplish two things. The first aim is to train pupils to accuracy of observation in laboratory work. The second is to gain some definite idea of the structure and function of living organisms. As many of the fundamental animal types are studied and drawn as the time will permit. Two consecutive hours of laboratory work count as one recitation. Pupils learn the use and care of the compound microscope, and a study of some of the unicellular forms precedes lectures on the cell as the unit of biology.

2. *Zoology I.—Invertebrate Zoology.* Mo., Tu., Th., Fr., 8:00.

This is a course in Systematic Zoology. A large number of types are examined, dissected, and drawn. Their relationships are brought out by lectures and a suitable text. The lectures are illustrated by charts and lantern-slides. The laboratory work is supplemented by a study of the College's collection of microscopic slides. Students are encouraged to make such slides for themselves. The College furnishes the necessary reagents and the latest pattern of Minot Automatic Rotary Microtome. This course with Zoology II. forms an indispensable preparation for Geology II.

3. *Botany I.—Histology and Physiology.* Mo., Tu., Th., Fr., 11:05.

In this course the cell and tissue structure are studied, and experiments in Plant Physiology conducted. The student is encouraged to prepare and stain permanent microscopic preparations for himself. One-half of the time is devoted to recitations and lectures.

4. *Geology I.—Structural and Dynamical Geology and Mineralogy.* Mo., Tu., Th., Fr., 9:15.

Text-book: Le Conte's *Elements*.

One day each week is devoted to mineral classification, blow-pipe analysis in the laboratory and to crystallography. A knowledge of chemistry is a prerequisite. Structural and Dynamic Geology are studied in the field as largely as conditions will permit. Excursions are made to the points of special interest near Akron.

5. *Neurology*. Mo., Tu., Th., Fr., 10:10.

This course is a preparation for Psychology. Half of the time is devoted to laboratory work. Drawings are made of sections of the brains of different vertebrates. Later the anatomy and physiology of the sense organs are taken up. Lantern slides and charts illustrate the lectures. The course is a prerequisite for Psychology.

**Second Half-Year.**

6. *Biology II*. Mo., Tu., or Th., Fr. Three hours, one recitation at 8:00 and laboratory two hours each day at 1:30 to 3:20. Required of Freshmen.

This is a continuation of the biological studies commenced in Biology I. The Botanical side of the work commences with microscopic forms of Algæ and Fungi. Emphasis is placed on their method of living and reproduction. Bacteria are studied in the laboratory, and sanitary conditions and infection by germs are discussed in the lectures. The relationship of plants to animals is discussed. The relation that animals bear to the life of man and to other animals is pointed out. These things should be of general interest to all. The work ends with a comparison of spores and seeds, and a study of the tissues and reproductive processes in the higher plants.

7. *Zoology II.—Vertebrate Anatomy*. Mo., Tu., Th., Fr., 8:00.

This continues the work of Zoology I. by dealing with the Chordates. As in the preceding course, one-half of the time is devoted to the examination of slides, to dissections and drawings. The embryology of at least one type from the five great classes of Vertebrates, will be studied from laboratory preparations.

8. *Botany II.—Systematic Botany*. Mo., Tu., Th., Fr., 11:05.

Half of the time is devoted to the laboratory study of types of Thallophytes, Bryophytes, Pteridophytes, and Spermaphytes. Their relationships are brought out by lectures and recitations. This course should precede Geology II.

9. *Geology II.—Historical Geology.* Mo., Tu., Th., Fr., 9:15. Text-book: Le Conte.

Open only to those who have completed Geology I., and Zoology I. and II. It is better to have Botany II. precede this course.

In this course the work of the preceding course is continued by a study of the development of the American continent, and of the life forms that dominated in the past. Reference to the U. S. Geological Survey is encouraged.

10. *Physiology.* Mo., Tu., Th., Fr., 10:10.

This course may follow Neurology or be taken independently of it. It deals with the physiology of muscles, of respiration and circulation, and of digestion. If it is taken either before or after the Neurology it completes a course in General Physiology. About half of the time is to be devoted to laboratory work.

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## POLITICAL ECONOMY AND SOCIOLOGY.

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PROFESSOR OLIN.

One year of Political Economy required of candidates for the degree of Ph. B.

Such students as desire to take all the work in this department are advised to take courses I. and II. in the Junior year and course III. in the Senior year.

The courses, in this department, after course I., are given in alternate order, thus enabling the student to take one and a half year's work in place of one. The object of the work is to give the student a comprehensive grasp of the leading economic and political theories and their application to present-day problems. Emphasis is placed upon theoretical and historical development as alone affording a sure basis for the more practical part of the work.

## First Half-Year.

*Economics I.—Political Economy.* Tu., We., Th., Fr., 9:15.

Text-books: Ely's Outlines and Bullock's Introduction to Political Economy, supplemented by essays, collateral readings and observations.

An introductory course, designed for the study of the leading principles of the science and aiming to acquaint the student with the data of economic inquiry and the nature of economic laws. Preceding the study of the text, a course of lectures is given upon the evolution of modern industrial society, embracing a study of the development of our modern industrial conditions from the twelfth century to the present time. Each student is required to devote considerable time to some local problem.

## Second Half-Year.

*Economics II. a.—Political Science.* Tu., We., 9:15. Two hours a week. Text-books: Fisher's Evolution of the Constitution, Cooley's Constitutional Law.

A study of the outlines of American Constitutional History and the interpretation of the American Constitution by the Federal Courts. The student is familiarized with the main landmarks of our constitutional life and given a clear conception of the meaning of our constitutional government.

*b.—A Study of the American State.* Th., Fr., 9:15. Two hours a week. Text-book: Wilson's The State.

This course designs a survey of the theory of the state, by a comparative study of the organization of the principal governments of the world.

*Economics III. (Omitted in 1904-1905).*

*a.—Economic Problems.* Two hours a week.

A detailed study of the problems and theories involved in some of the great economic questions now before the American people, such as railroad transportation, taxation, corporations, money, and banking. The work is based upon some authoritative text, and includes library work and the drafting of bills and debating them in class.

b.—*Sociology*. Two hours a week. Text-book: Fairbank's Introduction to Sociology is read, essays, and library work.

An elementary course designed to introduce the student to the elementary principles of human association and to develop the power of observing and analyzing social facts.

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## ORATORY.

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MISS RAY.

### First Half-Year.

- I. *Technique and Art of Expression*. Mo., Tu., We., Th., 1:30. Oration. Literary interpretation.

### Second Half-Year.

- II. *Literary Interpretation. Dramatic Work*. Mo., Tu., We., Th., 1:30. Open to those who have completed course I.

The object of this course is to acquire such harmony between mind and body that the body shall become the intelligible and agreeable medium of expression for the soul. Care is taken to develop by proper breathing a musical, resonant and flexible tone of voice, and to develop grace and force in the intelligent interpretation of thought and feeling.

Text-book theories are supplemented by physical exercises, by analyzing thought compositions, and by the interpretation of authors.

The work will be pursued in connection with the work in Rhetoric and Literature throughout the course, and a professional instructor will be furnished the students for drill in their preparation for public contests in the College.

## DEPARTMENT OF PHYSICAL TRAINING.

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PROFESSOR ROCKWELL.

The regular gymnasium drill for young men will begin the Wednesday following Thanksgiving Day and will close the last of March. This work is required of all first year students of the College and all preparatory school students, but may be elected by others.

The drill consists of light setting-up exercises, dumb-bell sets and club-swinging by the entire class, and the work is directed to develop good form and to give complete control of the muscles of the body by light exercises. It aims to secure lightness, agility and grace rather than strength. Those students who are far enough advanced will be formed into special classes for work on the bars, fancy club-swinging and track-work.

The gymnasium has been equipped with a very heavy running mat and a vaulting block, so that sprinting, hurdling and vaulting can be practiced during the winter. Near the close of March a Men's Gymnastic Exhibition will be held and many of the events will be preparatory for the Track Meet in the spring. The Exhibition counts as the examination in this course. Work on any of the other teams does not excuse attendance from the regular drill.

The gymnasium will be open for visitors only on Visiting Days and on other occasions only by special permission of the President or the Instructor in this department.

A limited number of resident students may be admitted to the drill by application to the Committee of the Faculty on Athletics and the payment of the incidental fee of \$3.50 for the entire period of four months.

The Men's Gymnastic Exhibition was held March 25th, 1904, and the following students took prizes in the special contests:

Sprinting.—C. Jahant, 5 lb. box Huyler's chocolates.

Club-Swinging.—G. G. Paine, fountain pen.

Parallel-Bars.—F. A. Gridley, dress suit case.

Running High Jump.—G. B. Chapman, base ball glove.

Running High Kick.—G. G. Paine, inkwell.

Hurdles.—G. B. Chapman, running shoes.

The Medal for the athlete scoring the highest number of points was awarded to George Granville Paine.

The Athletic Association is very grateful to the following business firms of the city for the prizes offered at the Gymnastic Exhibition:



E. J. Alderfer, 5 lb. box Huyler's chocolates.

Parthe's Shoe Parlor, running shoes.

Hibbard & Wilcox, unbreakable fountain pen.

Byrider Bros., dress suit case.

Dague Bros. & Co., inkwell.

Long & Taylor Co., base ball glove.

The Athletic Association is also honored by the gift of the Medal presented by Mr. Frank Talbott Fisher, of New York, and also by his very generous donation of prizes for the Track Meet. They consist of two cups of the value of \$50 each and a Medal and are given under the following conditions:

The Individual Cup is to be awarded to the Athlete making the greatest number of points in the Track Meet, and must be won by him three years in succession in order to become his permanent property. In 1903 this cup was awarded to Albert Brown, '06.

The Class Cup is the permanent property of the Athletic Association and is to be competed for by classes each year. An honorary position upon the cup is awarded the name of the class scoring the greatest number of points in each annual Track Meet. In 1903 this cup was awarded to the class of 1906.

The Medal is to be given to the Athlete scoring the greatest number of points, and at once becomes his personal possession. One such medal is to be offered for each annual Track Meet. In 1903 this Medal was awarded to Albert Brown, '06.

The Individual Cup and the Medal are open to all academic students of the College and Academy who are bona fide students (not counting courses in music and art). The Class Cup is open to the four College classes.

The annual Track Meet to compete for these prizes will be held early in June of each year.

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## PHYSICAL CULTURE FOR YOUNG WOMEN.

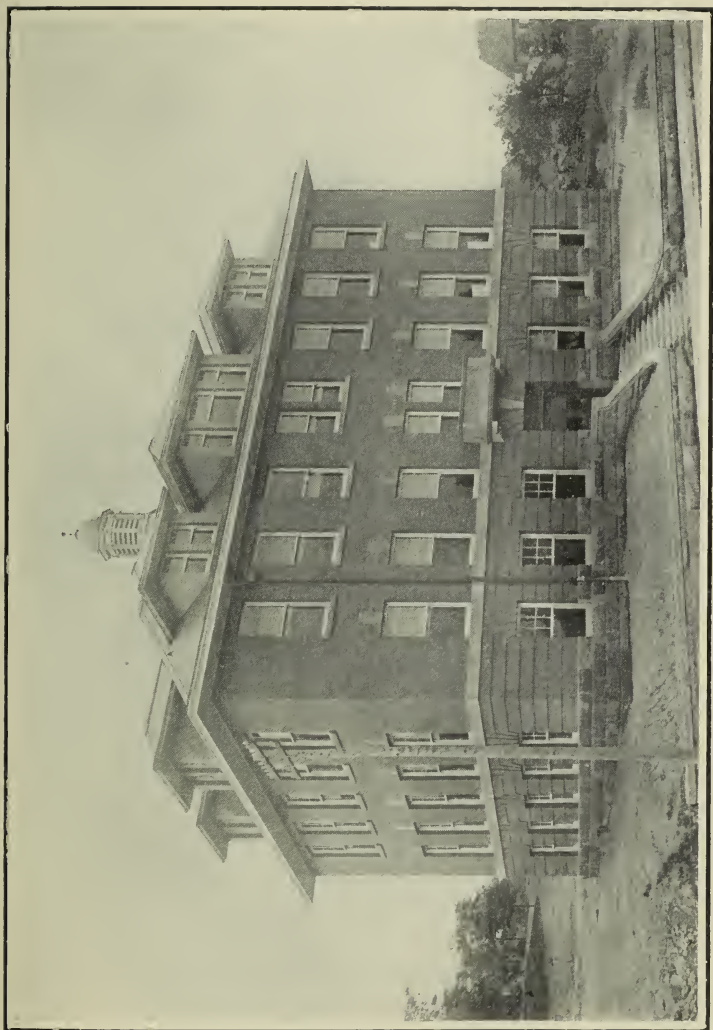
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MISS RAY.

The gymnasium drill for young women will begin about the middle of November and close about the first of April. This work is required of all first year College students and all Academy students, and may be elected by others. The purpose of this work with the young women is practically the same as that with the young men, and will be conducted under regulations and with apparatus suitable to secure this end.



BUCHTEL  
ACADEMY



ACADEMY.



# TEACHERS AND OFFICERS OF BUCHEL ACADEMY

For the Year 1903-1904.

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AUGUSTUS B. CHURCH, A. M., D. D.,  
*President.*

OSCAR E. OLIN, A. M.,  
*Principal 1903-'04 and Teacher of English and History.*

GODFREY CHARLES SCHABLE, A. B.,  
*Principal 1904-'05.*

CHARLES M. KNIGHT, A. M., Sc. D.,  
*Director of Physics.*

JOSEPH C. ROCKWELL, A. M.,  
*Director of Greek and Latin,  
And Director of Gymnasium for Young Men.*

ALBERT I. SPANTON, Ph. B.,  
*Teacher of Literature,  
Assistant Principal and Secretary of the Faculty.*

CLAUDIA E. SCHROCK, A. B.,  
*Teacher of Latin and Greek.*

BLANCHE M. WIDDECOMBE, Ph. B.,  
*Teacher of Latin and Mathematics.*

CHARLES R. OLIN, B. S.,  
*Teacher of Mathematics.*

ANNA M. RAY,  
*Teacher of Expression and Physical Culture for Young Women.*

MAY F. SANFORD,  
*Teacher of Drawing.*

## GENERAL INFORMATION.

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Recognizing that students coming from all parts of Ohio and the adjoining states, to enter college, have not the same preparation, and that many of them are deficient in or lack some branch of study essential to College admission, the Trustees established an Academy in which all deficiencies can be made up. The School also furnishes to such as live in towns not supplied with a high-grade High School an opportunity to acquire at moderate cost a thorough preparation for College classes. There are three courses of study of four years each, preparing for the corresponding College courses.

This Academy is under the same general administration as the College, and is under the immediate supervision of the Principal. All students are received as coming for the purpose of doing the best they can for themselves. All diligence will be used to advance them in their work, but as they do their studying in their own rooms, teachers cannot assume responsibility for those who, through want of application, fail to prepare their lessons. Self-government is the central idea.

Students in High Schools and Academies, who intend to take a College Course, are recommended to spend the last preparatory year in this School, on account of the better adjustment of the studies to the regular College work, and for the sake of mental discipline in accord with college methods of study.

Students will be examined and assigned to classes for which they are qualified. Those presenting a certificate of promotion from a good grammar school, or a common school certificate under the Patterson law will be admitted without examination, subject to the condition that they sustain themselves in their work; but the right is always reserved to examine in English Grammar. To enter the Junior class of this school, applicants should have completed Arithmetic through Percentage, Grammar, and Descriptive Geography.

Those desiring to enter advanced work will be examined in the studies of the lower classes.

During the course of study, written reviews and unannounced examinations or tests are held at the discretion of the teachers, and announced examinations are required in the case of absence or failure.

Original literary exercises are required of all students after the Preparatory year in connection with the reading of the books named on page 35.

Literary societies are formed with all classes under the direction of the instructors.

All the teaching will be done by regular instructors, some of them members of the College Faculty, and no pains will be spared to make this a school of thorough training in preparatory work.

A certificate of graduation will be given to all who complete the course without conditions.

Those who desire to fit for the scientific schools will be given such work as will prepare them in the most direct and thorough way. Although the especial design of the Academy is to fit for Buchtel College, those who are preparing for other schools will be allowed to select from the courses offered such studies as will meet all requirements of the college chosen.

The School occupies a building by itself—a modern school building, thoroughly equipped, with class rooms, offices, art rooms, laboratory, and hall.

The Academy Course now includes four years' study, but provision is made whereby good students who have practically completed the studies of the Preparatory year before entrance may make the direct preparation for most colleges in three years.

#### REGULATIONS.

Regular class attendance, courteous deportment, and earnest endeavor are expected of all.

Monthly reports of the progress of students will be sent to parents or guardians.

Parents will be requested to withdraw a student, who, after full trial, fails to maintain himself in his studies.

No student will be allowed to take up or drop a study without the consent of the Principal.

The use of tobacco and alcoholic liquors in and about the buildings or on the campus is prohibited. It is useless to expect any pupil who indulges in either to make satisfactory progress in class work.

Parents are requested to co-operate with the Faculty in keeping pupils from these vicious indulgences.

All property destroyed, defaced, or injured by students maliciously or carelessly must be paid for by such students.

All forms of hazing are prohibited.

Class "rushes" and class disturbances of every kind are forbidden.

All "initiations" of students, except by express permission of the Faculty, are forbidden.

All term bills are due and payable on the first day of each half-year for the entire half-year. These bills must be paid, or arrangements for their payment made satisfactory to the Secretary of the College, before entering any classes.

For statement of expenses see page 27.



# DESCRIPTION OF COURSES OF INSTRUCTION.

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## LATIN.

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### CLASSICAL COURSE.

#### First Year.

FIRST HALF—Bennett's Latin Lessons.

SECOND HALF—Bennett's Latin Lessons completed.

#### Second Year.

FIRST HALF—Cæsar—Bennett's Latin Prose Composition.

SECOND HALF—Cæsar—4 books completed, Prose composition continued, 22 lessons.

#### Third Year.

FIRST HALF—Cicero—4 orations against Catiline, Prose Composition continued.

SECOND HALF—Cicero—8 orations completed, including Pompey's Military Command, Archias, Marcellus and one Philippic. Prose Composition completed.

#### Fourth Year.

FIRST HALF—Vergil—books I., II., half of III.

SECOND HALF—Vergil—6 books completed—Roman History.

### PHILOSOPHICAL COURSE.

#### First Year.

FIRST HALF—Bennett's Latin Lessons, to Syntax.

SECOND HALF—Bennett's Latin Lessons completed. Cæsar 40 chapters of the first book.

#### Second Year.

FIRST HALF—Cæsar completed, books I., II., III. Cicero—first oration against Catiline.

SECOND HALF—Cicero—six orations completed; four against Catiline; Pompey's Military Command; The Citizenship of Archias.

### Third Year.

FIRST HALF—Vergil—Books I., II., and half of III.; Bennett's Latin Prose Composition, extra hour.

SECOND HALF—Vergil—six books completed; Roman History; Morey; Latin Prose Composition completed, extra hour.

### SCIENTIFIC COURSE.

Two years of the above course, i. e., through Cicero, or its equivalent in German will be required in the Scientific Course.

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## GREEK.

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Two full years of Greek are required in preparation for the Classical Course. The Course includes:

FIRST YEAR—White's First Greek Book; Xenophon's Anabasis, Book I.

SECOND YEAR—Xenophon's Anabasis, Books II. and III.; Greek Prose; Greek History; Homer's Iliad, Books I., II., and III.

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## MATHEMATICS.

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*Arithmetic*—Five hours a week during the first half-year.

Text: Robinson's New Higher Arithmetic.

Percentage, interest, discount, bank discount, equation of payments, ratio, proportion, progressions, mensuration, arithmetical analysis.

*Algebra I.*—Five hours a week.

Text: Wentworth's New School Algebra.

Fundamental operations, parentheses, simple integral equations, problems, special rules in multiplication and division, factoring.

*Algebra II.*—Five hours a week.

Text: Wentworth's New School Algebra.

Review of factoring, common factors and multiples, fractions, fractional equations, literal equations, general problems, simultaneous simple equations, involution and evolution, theory of exponents.

*Algebra III.*—Five hours a week.

Text: Taylor's Elements of Algebra.

This term of Algebra is given after the pupil has taken Geometry, and during the last half of his Senior year in order that it may not be too far removed from the Freshman Algebra. The term's work will include—Surds, imaginaries, quadratic equations, equations in quadratic form, simultaneous quadratics, problems, ratio and proportion.

*Geometry I.*—First half-year, five hours a week.

Text: Wells' Essentials of Plane and Solid Geometry, Books I., II., III., and IV.

*Geometry II.*—Second half-year, five hours a week.

Text: Wells' Essentials, Books V., VI., VII., VIII., IX.

*Bookkeeping*—First half-year, three hours a week.

The course in Bookkeeping is introduced for the purpose of giving the student a practical knowledge of the fundamental principles of Single and Double Entry systems of accounts. The student will also become familiar with the actual business forms used in the business of every-day life.

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## BUSINESS LAW.

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FIRST HALF-YEAR—Two hours a week.

This course is intended to supplement the course in Bookkeeping and to afford an opportunity for the student to become informed as to some of the legal principles affecting ordinary business transactions.

## ENGLISH.

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### ENGLISH ANALYSIS.

One-half year is given to the construction of English sentences, including analysis, synthesis, difficult constructions, and the complete uses of the various parts of speech.

### RHETORIC AND COMPOSITION.

This work is continued through three years and is given in text-book work and written themes. Punctuation, sentence-structure, and grammatical accuracy are emphasized, and the aim throughout is to train the pupil to express his thoughts in clear, idiomatic English. Only such pupils are allowed to enter this class as are well grounded in English Grammar.

### LITERATURE.

One year, with recitations three times a week, is given to text-book work and written themes. The work includes a study of the History of English Literature. The reading of English Classics begins in the first year.

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## SCIENCE.

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PHYSIOLOGY (Martin's Human Body). One half-year is given to text-book work, with note book, drawings, charts, etc. Required in Philosophical and Scientific courses.

BOTANY is given in the second half-year, and is a course dealing with the flowering plants. The work will consist mainly of studies in Ecology, the growing of seedlings, the analysis of plants, and the making of an herbarium.

PHYSICS (Carhart and Chute). One year is given to Physics. Chute's Manual is used in laboratory practice. The Academy building contains an excellent physical laboratory. Required in Scientific course.

CHEMISTRY (Hessler and Smith). A course of one year in Elementary Chemistry is provided for students who are preparing for Scientific schools. They are given regular practice in the College Laboratories.

## GERMAN.

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Two years of German are offered to students desiring it for entrance to other colleges, or as an alternative with two years of Latin for entrance to the Scientific Course of Buchtel College.

The aim of the first year in German is to enable the student to acquire a good pronunciation, to familiarize himself with grammatical forms and principles, and with so much of a vocabulary as will make it possible for him to read simple German texts correctly and understandingly, and to answer questions upon them in German. There is in the class-room constant practice in reading the German, in paraphrasing it, in putting English sentences into German, and in answering questions in German on the texts read, both as to content and as to form and construction.

The aim in the second year of German is to review thoroughly the forms and principles of German Grammar, putting them into constant use in translating English sentences of increasing difficulty into German; to acquire the ability to read easy German at sight and with sufficient ease so that the beauty of the original may be appreciated at first hand; to enable the student to give a brief account of the texts read, and to converse upon them in German.

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## HISTORY AND CIVICS.

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An advanced course in U. S. History is given in the first year of the Philosophical and the Scientific course.

GENERAL HISTORY will be required in all Philosophic and Scientific courses. It covers a year's work under Ancient, Mediæval, and Modern History.

CIVICS includes an analysis and study of the U. S. Constitution and the forms of local government.

# ACADEMY COURSES OF STUDY.

## CLASSICAL COURSE.

### Preparatory Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Arithmetic .....	5	English Composition .....	3
English, Analysis .....	5	English Readings .....	2
Latin .....	5	Civics .....	4
		Latin .....	4
		Drawing .....	2

### Junior Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin .....	4	Latin .....	5
Algebra .....	5	Algebra .....	5
English .....	3	English .....	3
Physiology .....	3	Botany .....	3
Gymnasium .....	2	Gymnasium .....	2

### Middle Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin .....	5	Latin .....	5
Geometry .....	5	Geometry .....	5
Greek .....	4	Greek .....	4
English .....	3	English .....	3
Gymnasium .....	2	Gymnasium .....	2

### Senior Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin .....	5	Latin .....	5
Greek .....	4	Greek .....	4
Ancient History .....	4	Advanced Algebra .....	5
English .....	3	Oratory and Themes .....	3

## PHILOSOPHICAL COURSE.

### Preparatory Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Arithmetic .....	5	Commercial Geog. or Eng. Hist.	4
English Grammar .....	5	English Composition .....	3
U. S. History .....	5	English Readings .....	2
		Civics .....	4
		Drawing .....	2

### Junior Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin .....	5	Latin .....	5
Algebra .....	5	Algebra .....	5
English .....	3	English .....	3
Physiology .....	3	Botany .....	3
Gymnasium .....	2	Gymnasium .....	2

### Middle Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin .....	5	Latin .....	5
Geometry .....	5	Geometry .....	5
English .....	3	English .....	3
Physics or Chem. ....	4	Physics or Chem. ....	4
Gymnasium .....	2	Gymnasium .....	2

### Senior Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin .....	5	Latin .....	5
Latin Prose Comp. ....	1	Latin Prose Comp. ....	1
Bookkeeping and Business Law.	5	Advanced Algebra .....	5
English .....	3	Oratory and Themes .....	3
Ancient History .....	4	Med. and Mod. Hist. ....	4

## SCIENTIFIC COURSE.

### Peparatory Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Arithmetic .....	5	Commercial Geog. or Eng. Hist.	4
English Grammar .....	5	English Composition .....	3
U. S. History .....	5	English Readings .....	2
		Civics .....	4
		Drawing .....	2

### Junior Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin or German.....	5	Latin or German.....	5
Algebra .....	5	Algebra .....	5
English .....	3	English .....	3
Physiology .....	3	Botany .....	3
Gymnasium .....	2	Gymnasium .....	2

### Middle Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Latin or German.....	5	Latin or German.....	5
Geometry .....	5	Geometry .....	5
English .....	3	English .....	3
Chemistry .....	4	Chemistry .....	4
Gymnasium .....	2	Gymnasium .....	2

### Senior Year.

First Half-Year.	Hrs.	Second Half-Year.	Hrs.
Physics .....	4	Physics .....	4
Bookkeeping and Business Law.	5	Advanced Algebra .....	5
English .....	3	Oratory and Themes .....	3
Ancient History .....	4	Med. and Mod. Hist. ....	4

Rhetorical work is required of all students.



MUSIC SCHOOL  
AND  
ART SCHOOL  
OF  
BUCHTEL COLLEGE

# BUCHTEL SCHOOL OF MUSIC.

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LUCY IONE EDGERTON, DIRECTOR AND INSTRUCTOR IN PIANO,  
ORGAN, AND HARMONY.

—————, INSTRUCTOR IN VOCAL MUSIC.

## OBJECTS OF THE SCHOOL.

The first aim of this school is to gain artistic results. It is conducted on the idea that interpretation and conception of music are the highest attainments of the art. To acquire these artistic results, uniformity of method and strict technical training are held to be of first importance.

In carrying out these aims the school has a corps of instructors who are specialists of ability and high standing in their particular lines.

Practice pianos will be furnished students at low rates.

A large pipe organ has been placed in the music room for college use and instruction. It is a two-manual organ of a capacity for practice and execution sufficient for the work required on any organ in the city.

It is connected with a motor, and practice hours may be arranged with Miss L. Ione Edgerton for pupils and organists of the city.

Certificates of attainment will be issued to students who have completed certain prescribed courses of study.

For further particulars as to courses, hours and tuition, address L. Ione Edgerton, Director, Buchtel College, Akron, Ohio.

## PIANO AND ORGAN.

MISS EDGERTON.

The instruction in this department seeks to develop a clear, musical touch, a correct ear, and a recognition of the best in music, as well as a technical skill. Attention is paid to sight-reading where students are deficient in that branch, and in all respects the effort is made, by the careful consideration of individual needs, to arouse in the student a genuine

interest in the work. Particular attention is given to methods of practice.

Miss Edgerton is a graduate of the Oberlin Conservatory of Music, having taken the full courses covering her lines of work. In addition to this she has had fifteen years of practical and successful experience in teaching her branches, and for nearly that time has been a popular organist of the city.

#### TERMS.

Piano and Organ—per term of 20 lessons, one-half hour each..\$20.00  
Theory—private lessons, per term of 20 lessons..... 20.00  
In classes of six or more, 2 hours a week, per term of 20 lessons 10.00  
All bills for music tuition and organ practice are payable monthly at the Office in Buchtel Hall.

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### SCHOOL OF ART.

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MAY FAIRCHILD SANFORD, INSTRUCTOR.

The Buchtel College School of Art offers advantages superior to most colleges and equal to the best art schools in the country, in both its primary and higher branches.

Two principal ideas prevail in the Art School. *All practical knowledge of Art is based upon drawing. All drawing is from nature.*

The students follow a progressive course, passing from step to step as they show proficiency. Students are not kept back for a class, each one being advanced as fast as his ability or effort will allow. *Quality* of the work done, not a given number of works or a fixed length of time, determines the advancement.

The course embraces work in charcoal, crayon, pen and ink, pencil, pastel, water color and oil. Pupils work from still life, cast and life.

Students may enter the school at any time by presenting themselves and registering. It is to their advantage, how-



ART STUDIO.



ever, to do so as near the beginning of the year as possible. Pupils may work all day, half a day, or by the hour. A portrait class will be formed, and drawings from the living model will be one of the advantages offered advanced pupils.

Those desiring to prepare themselves for teaching will receive special attention.

A class for children will be held Saturdays from 8:30 to 11:30.

The studios are open all day five days and Saturdays in the forenoon.

Exhibitions of students' work are held during the year, besides special exhibitions of the work of resident and foreign artists.

#### TUITION.

Each half-year (20 weeks), all day.....	\$50.00
Each half-year, half day, five times a week.....	29.00
Each half-year, half day, three times a week.....	22.00
One month, all day.....	12.00
One month, half day.....	8.00
Children's class, twelve weeks.....	9.00
All other arrangements, per hour.....	.25

Visitors are always welcome, and the public is invited to all receptions and exhibitions.

All communications should be addressed, May F. Sanford, Buchtel College, Akron, Ohio, or call at the Studios, Academy Building, College Grounds, on or after September 15.

# REGISTER OF STUDENTS OF THE COLLEGE

For 1903-1904.

## SENIOR CLASS.

COURSE.

*Brown, Frank Howard.....	S.....	<i>East Akron.</i>
*Carlton, Clarence Clay.....	P.....	<i>Akron.</i>
Huggins, Katherine Kent.....	P.....	<i>Kent.</i>
Nardin, Charles Carloman.....	S.....	<i>Stryker.</i>
Olin, Charlotta Harriet.....	P.....	<i>Akron.</i>
Swanson, Frederic Glenn.....	P.....	<i>McGraw, Pa.</i>
Thomas, John Webster.....	P.....	<i>Tallmadge.</i>
Welton, Frank Aldis.....	S.....	<i>Medina.</i>
		Senior.....8.

## JUNIOR CLASS.

COURSE.

Crist, Robert.....	S.....	<i>Cuyahoga Falls.</i>
*Dawson, Emily Sarah.....	P.....	<i>Sterling.</i>
Faunce, Charles Darwin.....	S.....	<i>Conneautville, Pa.</i>
Lynn, Ella Viva.....	P.....	<i>Akron.</i>
Reynolds, Dana Farnum.....	C.....	<i>Leroy.</i>
Reynolds, Harriet Emeline.....	C.....	<i>Leroy.</i>
Rockwell, Mary.....	C.....	<i>Akron.</i>
Williamson, Ralph C.....	P.....	<i>Tallmadge.</i>
		Junior.....8.

## SOPHOMORE CLASS.

COURSE.

Adams, Mina L.....	P.....	<i>Akron.</i>
Brouse, Clara Florine.....	P.....	<i>Akron.</i>
Brown, Albert.....	S.....	<i>Mt. Gilcad.</i>
*Carns, Ethel May.....	P.....	<i>Akron.</i>
Carter, Homer Wilbur.....	S.....	<i>Everett.</i>
Clark, Hazel.....	S.....	<i>Pittsburg, Pa.</i>
*Ebright, Ruth Bissell.....	S.....	<i>Arkon.</i>
Evans, Esther Alice.....	S.....	<i>Akron.</i>
Hemington, Lucretia Emmerson..	P.....	<i>Akron.</i>
Heacock, Edith Hannah.....	P.....	<i>Chicago.</i>
Knight, Hal.....	S.....	<i>Akron.</i>
*Knight, Maurice Acomb.....	S.....	<i>Akron.</i>
Motz, George Benjamin.....	S.....	<i>Akron.</i>
Myers, Glenn Edwin.....	P.....	<i>Barberton.</i>
Parshall, Edward Pardee.....	S.....	<i>Akron.</i>
Saunders, Amy Lillian.....	S.....	<i>Akron.</i>
Wells, James Raymund.....	P.....	<i>Akron.</i>
		Sophomore.....17.

\*Not in full class standing.



## FRESHMAN CLASS.

### COURSE.

Auble, Margaret Edith.....	P.....	<i>Akron.</i>
Bran, Robina May.....	C.....	<i>Kent.</i>
Butler, Henry Karl.....	S.....	<i>Akron.</i>
Conner, Chester Farnham.....	P.....	<i>Akron.</i>
Leib, Ada Miriam.....	C.....	<i>Akron.</i>
Longcoy, Grant.....	S.....	<i>Kent.</i>
Mallison, Blanche Janet.....	C.....	<i>Akron.</i>
Nees, John Gilbert.....	S.....	<i>Uniontown.</i>
Olin, Blanche Marie.....	P.....	<i>Akron.</i>
Paine, George Granville.....	S.....	<i>Akron.</i>
Rickert, Ura Garfield.....	S.....	<i>Medina.</i>
Rockwell, Ida.....	P.....	<i>Akron.</i>
Schreiber, Oscar Randolph.....	S.....	<i>Toledo.</i>
Simmons, Hezzleton Erastus.....	S.....	<i>Leroy.</i>
Slabaugh, Ruth Alicia.....	P.....	<i>Akron.</i>
Smetts, Adah.....	P.....	<i>Akron.</i>
Smith, Hazel.....	P.....	<i>Akron.</i>
Sommerville, Ralph Moore.....	S.....	<i>Akron.</i>
Tillson, Hallie.....	P.....	<i>Greenwich.</i>
Whiton, Agnes Lilian.....	P.....	<i>North Amherst.</i>
Whittington, Frances Ellen.....	P.....	<i>Barberton.</i>
Witner, Ava Blanche.....	P.....	<i>Akron.</i>
Zepp, Amanda Elida.....	P.....	<i>Wadsworth.</i>
		Freshmen.....24.

### SPECIALS.

Allen, Julia Tifft.....	<i>Akron.</i>
Feudner, Grace Cecil.....	<i>Akron.</i>
Lloyd, Ethel Mae.....	<i>Barberton.</i>
McQueeney, Edward Cornelius.....	<i>Akron.</i>
Miller, Bodo Emanuel.....	<i>Akron.</i>
Mottinger, Byron Thomas.....	<i>Akron.</i>
†Naftzger, Otto Thomas.....	<i>Kent.</i>
Pfeiffer, George Frederick.....	<i>Uniontown.</i>
	Specials.....8.

†Deceased.

# REGISTER OF STUDENTS OF BUCHEL ACADEMY

For 1903-1904.

## SENIOR CLASS.

### COURSE.

Bell, Albert Westfield.....	S.....	<i>Peninsula.</i>
Booth, George Walter.....	S.....	<i>Akron.</i>
Brenizer, Howard Clay.....	S.....	<i>Akron.</i>
Dahlquist, Charles Seiver.....	S.....	<i>Akron.</i>
Dandridge, Vincent Berry.....		<i>Akron.</i>
Davis, Lisle Laughead.....	S.....	<i>Cuyahoga Falls.</i>
Duncan, Grace Sarah.....	Ph.....	<i>Akron.</i>
Garman, Ruth Ida.....	Ph.....	<i>Akron.</i>
Gillen, Keziah Marian.....	Ph.....	<i>Akron.</i>
Hallinan, Emma Cecilia.....	Ph.....	<i>Akron.</i>
Houghton, Harry B., Jr.....	S.....	<i>Akron.</i>
Iredell, Robert.....	Ph.....	<i>Akron.</i>
Koplin, Claude Ransom.....	S.....	<i>Akron.</i>
Laidlaw, Ethel O. A.....	Ph.....	<i>Akron.</i>
Mowery, George Abraham.....	S.....	<i>Kcene.</i>
Reinhart, Cyril DeWitt.....	S.....	<i>Akron.</i>
Roach, Elizabeth Meikle.....	C.....	<i>Akron.</i>
Roach, Ethel Minerva.....	C.....	<i>Akron.</i>
Sauder, Edith May.....	Ph.....	<i>Akron.</i>
Shuman, Cottie Pruella.....	S.....	<i>Akron.</i>
Smith, Hugh M.....	S.....	<i>Sterling.</i>
Spangler, George Howard.....	S.....	<i>Clinton.</i>
Sumner, Beatrice.....	S.....	<i>Akron.</i>
Sumner, Mac Albert.....	S.....	<i>Akron.</i>
Tuttle, Elizabeth Frances.....	S.....	<i>Akron.</i>
Voris, Letha Maude.....	Ph.....	<i>Stewardson, Ill.</i>
Weeks, Lulu Lovina.....	Ph.....	<i>Akron.</i>
		Senior Academy.....27.

## MIDDLE CLASS.

Carnahan, Harry Renwick.....	<i>Akron.</i>
Carpenter, Ford Lincoln.....	<i>Akron.</i>
Chandler, Harriet.....	<i>Akron.</i>
Collier, Gertrude Edna.....	<i>Akron.</i>
Hale, Ralph Plum.....	<i>Cuyahoga Falls.</i>
Hargett, George Cornelius.....	<i>Akron.</i>
King, Lucian Loomis.....	<i>Akron.</i>
Knight, Helen Lillian.....	<i>Akron.</i>
Loomis, Fanny Lodema.....	<i>Akron.</i>
MacNeil, Glenn Marie.....	<i>Akron.</i>

Miller, Gail Beatrice.....	<i>Akron.</i>
Olin, Robert Russell.....	<i>Akron.</i>
Pfaff, Hermann H.....	<i>Whipple.</i>
Reid, Edna Blanche.....	<i>Akron.</i>
Rockwell, Wade.....	<i>Akron.</i>
Sweeten, Vera.....	<i>Akron.</i>
White, William Russell.....	<i>Akron.</i>
Williard, Anna Emily.....	<i>Akron.</i>
Yerrick, Clayton.....	<i>Myersville.</i>
Middle Academy.....19.	

#### JUNIOR CLASS.

Allyn, A. Guy.....	<i>Fairlawn.</i>
Appleton, Hazel Blanche.....	<i>Cuyahoga Falls.</i>
Brewster, David Davies.....	<i>Thomastown.</i>
Case, Marian Adeline.....	<i>Hudson.</i>
Cassidy, Elizabeth Irene.....	<i>Akron.</i>
Ebright, Mary Rachel.....	<i>Akron.</i>
Elvin, Helen Elizabeth.....	<i>Akron.</i>
Fisher, Julius Royal.....	<i>Akron.</i>
Hallinan, William Vincent.....	<i>Akron.</i>
Haspelmath, Elizabeth.....	<i>Akron.</i>
Humphrey, Gertrude.....	<i>Akron.</i>
Jackson, Leland Clyde.....	<i>Akron.</i>
Laidlaw, Gladys Althea.....	<i>Akron.</i>
Lepper, Frank B.....	<i>Akron.</i>
McChesney, Lura Louise.....	<i>East Akron.</i>
Miller, Ruth.....	<i>Akron.</i>
Robinson, Helen Elizabeth.....	<i>Akron.</i>
Scobie, Lida Ellen.....	<i>Everett.</i>
Selden, Howard Green.....	<i>Akron.</i>
Smith, Effie.....	<i>Clinton.</i>
Switzer, Earl Grant.....	<i>Akron.</i>
Thomas, James Lewis.....	<i>Akron.</i>
Thornton, Mabel Ray.....	<i>Akron.</i>
Topping, Maurice Tracy.....	<i>Ashland.</i>
Welsh, Edward James.....	<i>Akron.</i>
Wylie, Marcia Ella.....	<i>Akron.</i>

Junior Academy.....26.

#### UNCLASSIFIED.

Aitken, Robert W.....	<i>Akron.</i>
Allen, Pearl Ada.....	<i>Hundred, W. Va.</i>
Allyn, Harry.....	<i>Fairlawn.</i>
Biggs, Vernie Olivia.....	<i>Akron.</i>

Brockett, George A.....	<i>Akron.</i>
Chapman, George Byron.....	<i>Akron.</i>
Clark, Grace LaReine.....	<i>Akron.</i>
Evans, James Ohio, Jr.....	<i>Akron.</i>
Fox, Anna Maye.....	<i>Suffield.</i>
Gardner, Donald.....	<i>Akron.</i>
Gridley, Fay Anson.....	<i>Akron.</i>
Hanson, Pearl.....	<i>Akron.</i>
Heald, Lloyd Lionel.....	<i>Akron.</i>
Jahant, Charles.....	<i>Akron.</i>
Kirk, Berdelle.....	<i>Akron.</i>
Logan, Arthur David.....	<i>Akron.</i>
McChesney, Maud Mildred.....	<i>Akron.</i>
Miller, Margaret.....	<i>Akron.</i>
Moore, Katherine Elizabeth.....	<i>Akron.</i>
Pearce, Myrta A.....	<i>Akron.</i>
Sawyer, Lucy Martha.....	<i>Akron.</i>
Sippy, Burne Olin.....	<i>Akron.</i>
Stickle, John J.....	<i>Akron.</i>
Thomas, John Warren.....	<i>Akron.</i>
Vandersall, Laura.....	<i>Barberton</i>
Unclassified Academy.....	25.

#### POST-GRADUATE NORMAL.

Swinehart, Verne E.....	<i>Akron.</i>
Post-Graduate.....	1.

#### COLLEGE STUDENTS.

Bran, Robina M.....	<i>Kent.</i>
Butler, Karl H.....	<i>Akron.</i>
Clark, Hazel Ione.....	<i>Pittsburg, Pa.</i>
Harpham, Raymond Lee.....	<i>Akron.</i>
Heacock, Edith Hannah.....	<i>Chicago.</i>
Leib, Ada Marian.....	<i>Akron.</i>
Lloyd, Ethel Mae.....	<i>Barberton.</i>
Lynn, Viva Ella.....	<i>Akron.</i>
Mallison, Blanche Janet.....	<i>Akron.</i>
Nees, Gilbert J.....	<i>Lake.</i>
Rickert, U. G.....	<i>Medina.</i>
Whittington, Frances Ellen.....	<i>Barberton.</i>
Wilner, Ava Blanche.....	<i>Akron.</i>
Zepp, Amanda Elida.....	<i>Wadsworth.</i>
College Students also in Academy.....	15.

## REGISTER OF STUDENTS OF THE MUSIC SCHOOL

---

Adamson, Vera.....	<i>Akron.</i>
Allison, Adelaide.....	<i>Akron.</i>
Baird, Katherine.....	<i>Akron.</i>
Biggs, Vernie O.....	<i>Akron.</i>
Carl, Bessie.....	<i>Akron.</i>
Carter, Bina.....	<i>Akron.</i>
Church, Evelyn.....	<i>Akron.</i>
Fairweather, Catherine.....	<i>Akron.</i>
Fish, Lizzie.....	<i>Akron.</i>
Folger, Elizabeth.....	<i>Akron.</i>
Griner, Metta.....	<i>Akron.</i>
Herd, Mrs. J. F.....	<i>Akron.</i>
Herndon, Maude.....	<i>Akron.</i>
Hotchkiss, Ruth.....	<i>Akron.</i>
Kelly, Mary.....	<i>Akron.</i>
Kenyon, Mrs. E. D.....	<i>Akron.</i>
Leonard, Myrtle.....	<i>Akron.</i>
Luxmore, Belle B.....	<i>Akron.</i>
Mead, Edward.....	<i>Akron.</i>
Miller, Margaret.....	<i>Akron.</i>
Reed, Josephine.....	<i>Akron.</i>
Rockwell, Ida.....	<i>Akron.</i>
Rockwell, Mary.....	<i>Akron.</i>
Saunders, Amy.....	<i>Akron.</i>
Underwood, Mrs. E. S.....	<i>Akron.</i>
Veon, Bertha.....	<i>Akron.</i>
Williard, Anna.....	<i>Akron.</i>
Wright, Gladys.....	<i>Akron.</i>

Total.....28

## REGISTER OF STUDENTS OF THE ART SCHOOL

---

Bradley, Iza.....	<i>Akron.</i>
Brigger, Mrs. A.....	<i>Akron.</i>
Brunskill, Hazel.....	<i>Akron.</i>
Chapman, Lettie.....	<i>Akron.</i>
Gardner, Donald.....	<i>Akron.</i>
Humphrey, C. Leo.....	<i>Akron.</i>
Hale, Andrew.....	<i>Akron.</i>
Holdstein, Harry.....	<i>Akron.</i>
Johnston, Joseph.....	<i>Akron.</i>
Johnston, John.....	<i>Akron.</i>
Krebs, Lillie.....	<i>Akron.</i>
Lukesh, Anna.....	<i>Akron.</i>
Miller, Margaret.....	<i>Akron.</i>
Olin, Ralph.....	<i>Akron.</i>
Selden, Bessie.....	<i>Akron.</i>
Sanford, Mabel.....	<i>Akron.</i>
Swinehart, Vene.....	<i>East Akron.</i>
Smith, Helen.....	<i>Akron.</i>
Voris, Maude.....	<i>Stewardson, Ill.</i>
Williamson, Pansy.....	<i>Akron.</i>
Williamson, Daisy.....	<i>Akron.</i>
Total.....	21.

# SUMMARY.

1903-1904.

## COLLEGIATE STUDENTS.

Senior Class.....	8	
Junior Class.....	8	
Sophomore Class.....	17	
Freshman Class.....	23	
Special Students.....	7	
Total Collegiate.....	—	63

Classical Students.....	17
Philosophical Students.....	26
Scientific Students.....	23
Special Students.....	7

Men .....	32
Women .....	31

## ACADEMY.

Senior Class.....	27	
Middle Class.....	19	
Junior Class.....	26	
Unclassified Students.....	25	
Post-Graduate .....	1	
College Students in Academy Classes.....	14	
Total Academy.....	—	112

Men (exclusive of College Students).....	48
Women (exclusive of College Students).....	50

## SCHOOL OF MUSIC.

Men .....	1	
Women .....	27	
Total .....	—	28

## SCHOOL OF ART.

Men .....	7	
Women .....	14	
Total .....	—	21

Number counted more than once.....	17	
Total number in all Departments.....	—	224
		207



## DEGREES CONFERRED.

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### CLASS OF 1903 AND TITLES OF THESES.

#### BACHELOR OF ARTS.

- HERMANN JULIUS ANDREE.....*Chillicothe.*  
The Animal Life of Franz Joseph Land.
- LOUISE V. HORIX.....*Akron.*  
A Discussion of Birds, Based on Aristophanes "Aves."
- GRACE ETHEL JEFFERSON.....*Florence.*  
House of Commons.
- GLADYS PARSHALL.....*Akron.*  
The Economic Condition among Akron Workingmen.
- HARRY EMMET ROWELL.....*Norwalk.*  
Hydrographic Survey of Silver Lake.

#### BACHELOR OF PHILOSOPHY.

- CHALMERS SIMMS BROWN.....*Mt. Gilead.*  
Triangulation of Silver Lake.
- CARLOTTA CHERRYHOLMES GREER.....*Akron.*  
Complete Chemical Analysis of the Natural Gas Used at Akron.
- JOHN DONALD HOTCHKISS.....*Akron.*  
The Influence of Hamilton, Marshall, Webster and Jackson in  
the Evolution of the Federal Idea in Our Government.
- PEARL ANNE MARTY.....*Greenwich.*  
The Moral Influence of George Eliot.
- LAWRENCE AUBREY MIHILLS.....*Akron.*  
The Slums of Some American Cities and Their Problems.
- ADELLE MELITA MILLER.....*Akron.*  
A Study of Clouds and Their Relation to the Cyclone.

#### BACHELOR OF SCIENCE.

- CLARA LOUISE GAYER.....*Akron.*  
History of the Constitution Tracing Its Source.
- MIRIAM AMY MOTZ.....*Akron.*  
Relation of English Literature to English History.
- ADA VIVIAN STARKWEATHER.....*Palmer, Ill.*  
Racine and His Tragedies.
- ARTHUR EUGENE WARNER.....*Ludlow, Vt.*  
Efficiency of Weber's Sun-cracking Test of India Rubber Goods.
- ROSCOE WHITE.....*N. Springfield.*  
An Economic Digest of the Coal Strike of 1902.

## PRIZES.

---

### THE ALUMNI PRIZES

Awarded for excellence in scholarship.

1902-1903.

In the Senior Preparatory Class to Granville Paine.

In the Freshman Class to Lucretia Hemington.

In the Sophomore Class to Mary Rockwell.

In the Junior Class to Frederic Glenn Swanson and John W. Thomas.

### THE OLIVER C. ASHTON PRIZES.

Awarded for excellence in declamation.

1902-1903.

In the Junior Class:—First prize to Clarence Carlton, and second prize to Bertha Widdecombe.

1903-1904.

In the Sophomore Class:—First prize to Lucretia Hemington, and second prize to Clara Brouse.

In the Junior Class:—Contest not held at date of publication.

In the Senior Class:—First prize to Frank Welton, second prize to F. Glenn Swanson.

# BUCHTEL COLLEGE ALUMNI ASSOCIATION.

Organized July, 1874.

Incorporated October 19, 1899.

## OFFICERS FOR 1903-1904.

President, HERBERT B. BRIGGS, '89.....	<i>Cleveland.</i>
Vice-Presidents, JUDGE JOSEPH HIDEY, '76.....	<i>Cleveland.</i>
DAYTON A. DOYLE, '78.....	<i>Akron.</i>
REV. EDGAR S. ROTHROCK, '86.....	<i>Cleveland.</i>
JAMES E. COLE, '92.....	<i>Norwalk.</i>
L. ELMIE WARNER, '97.....	<i>Cleveland.</i>
AMELIA SCHOENINGER, '98.....	<i>Akron.</i>
Secretary, HARRY L. SNYDER, '94.....	<i>Akron.</i>
Treasurer, A. I. SPANTON, '99.....	<i>Akron.</i>

## ALUMNI BOARD OF TRUSTEES.

### Officers.

HERBERT B. BRIGGS, '89.....	<i>President ex-officio.</i>
HARRY L. SNYDER, '94.....	<i>Secretary ex-officio.</i>
A. I. SPANTON, '99.....	<i>Treasurer ex-officio.</i>

### Term Expiring June, 1904.

JOHN R. SMITH, '87.....	<i>Akron.</i>
MRS. SUSIE C. COLE, '73.....	<i>Akron.</i>
DR. A. A. KOHLER, '87.....	<i>Akron.</i>
WILSON A. PUTT, '95.....	<i>Cleveland.</i>

### Term Expiring June, 1905.

CHAS. R. OLIN, '85.....	<i>Akron.</i>
MRS. CELIA MALLISON-HARDY, '99.....	<i>Cleveland.</i>
MISS MAUDE HERNDON, '01.....	<i>Akron.</i>
MEADE CHAMBERLAIN, '02.....	<i>Akron.</i>

### Term Expiring June, 1906.

FRANK M. COOKE, '91.....	<i>Akron.</i>
EMORY A. PRIOR, '74.....	<i>Cuyahoga Falls.</i>
CARLOTTA C. GREER, '03.....	<i>Akron.</i>
MRS. L. R. C. EBERHARD, '93.....	<i>Akron.</i>

Annual meeting of the Association, June 22, 1904, 2 P. M.

Stated meetings of the Board of Trustees, June 23, 1904; November 17, 1904; February 16, 1905; May 18, 1905.

## DONATIONS.

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From May 11, 1903, to April 5, 1904, the College has received the following contributions:

### THE ALUMNI CURRENT EXPENSE FUND

Has been augmented during the year by gifts from the following Alumni, viz: Rev. C. N. Church, Alliance; Inez Parshall, Akron; B. Jeannette Allen, Akron; Mrs. Addie Bleekman-Guldlin, Fort Wayne, Ind.

### GRECIAN ART FUND.

This fund has been increased by cash donations from the following citizens of Akron: F. H. Mason, R. P. Marvin, C. C. Goodrich, A. B. Smith, F. M. Cooke, A. Adamson, N. C. Stone.

### GIFTS TO THE PHYSICAL SCIENCE DEPARTMENT.

One pair Analytical balances, imported from the factory of Standinger & Co., Giessen, Germany, for the chemical laboratory; presented by Mrs. S. O. Acomb, of Tidioute, Pa.

One pair Button balances, presented to the assaying laboratory by Mrs. S. O. Acomb, Tidioute, Pa.

One spintharoscope, presented by Dr. C. M. Knight.

### THOMAS RHODES' COLLECTION OF BIRDS.

The College has recently received from Mr. and Mrs. Thomas Rhodes, of Akron, O., a very fine collection of birds. This collection represents the work of a lifetime and comprises more than 500 distinct species, mostly native to this locality, and many of them now very scarce and rare. The collection is arranged in fine cases grouped by families and is being placed in the College in accordance with the same grouping as that adopted by Mr. and Mrs. Rhodes.

### LIBRARY.

Gifts to the Library have been received from the following sources:

	VOLS.
American Book Co., Cincinnati, O.....	2
Susan B. Anthony, Rochester, N. Y.....	1
W. S. Blatchey, Indianapolis, Ind.....	1
Chicago University, Chicago.....	1
Dr. Henry N. Dodge, New York.....	1
Ginn & Co., Boston.....	6
A. B. Hepburn, New York.....	1

N. Y. Dept. of Agriculture, Albany, N. Y.....	1
Ohio State Bar Association.....	1
Ohio State Board of Health, Columbus, O.....	2
Mrs. W. C. Parsons, Akron.....	25
Prof. J. C. Rockwell, Akron.....	2
B. H. Sanborn & Co., Boston.....	14
U. S. Dept. of Agriculture, Washington, D. C.....	1
U. S. Bureau of Education, Washington, D. C.....	1
U. S. Dept. of the Interior, Washington, D. C.....	2
U. S. Library of Congress, Washington, D. C.....	7

#### DORMITORY FUND.

A citizen of Akron has agreed to give one thousand dollars for the construction of a College Dormitory for young lady students on condition that a total of ten thousand dollars be secured for the purpose.

#### MISCELLANEOUS GIFTS.

Mrs. E. P. Green has presented to the College two large black walnut book cases.

Mrs. W. C. Parsons, in addition to the books noted above, has given five framed pictures and some gymnasium apparatus.

For gifts to the Gymnasium Exhibit see page 65 of this catalogue.

The Roseville Pottery Co., Zanesville, O., of which Geo. B. Emerson, class of '88, is president, presented to the College a pair of large vases and pedestals to be placed in the corridor of Buchtel Hall.

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PRESIDENT'S HOUSE.





UNIVERSITY OF ILLINOIS-URBANA



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